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# Agricultural Statistics, 1950

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## INTRODUCTION

Agricultural Statistics brings together each year the more important series of statistics compiled in the Department of Agriculture or in other departments whose work concerns agriculture. Although far more information is available than can be included in a single volume, the tables selected give a wide variety of facts in forms suited to most common uses. Inquiries concerning more detailed data or the statistical methodology used should be addressed directly to the agencies to whom tables in this volume are credited. These agencies can also answer questions about past and prospective revisions in published data.

Historical series have again been generally limited to data beginning with 1929 or 1930, or to the most recent 10 years. Agricultural Statistics for 1942 is still the most complete reference for earlier data. In building up series from earlier volumes, however, it should be remembered that statistics most recently published supersede those published previously.

The table of contents indicates the general lay-out of the book, and page headings indicate the subdivisions within each chapter.

### FARM VALUE

"Farm value," as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, however, quantities not harvested because of low prices or other economic factors are excluded from the computation of farm value. The term is used in the inventory tables on livestock to mean the number of head on hand, evaluated at the estimated value per head as of January 1.

The word "year" (alone) in a column heading means "calendar year." When the word "Yearbook" appears alone, it refers to the Yearbook of Agriculture, published annually by the Department of Agriculture. Through 1935, approximately one-half of each Yearbook carried the kind of material that is now published separately in Agricultural Statistics.

### DEPARTMENT ESTIMATES AND CENSUS FIGURES

Estimates of the Department of Agriculture are made primarily to give timely current State and national totals and averages. They are based on "benchmark" data supplied by the quinquennial census of agriculture and on sample data supplied by farmers and by people who do business with farmers, together with check data from other sources. Being estimates, they are subject to revisions as more data become available from commercial or Government sources.

Census data are the results of the most nearly complete enumeration or actual count that can be made, and are used for many other purposes than determining State and national totals and averages.

For example, each census provides much detailed information about counties and minor civil divisions. It also provides data that can be organized into many frequency distributions and cross-classifications for large and small portions of the country.

The definition of a census precludes revising census data to bring them in line with other indications, even though in practice it is difficult to obtain a complete enumeration. Any effort to make such revisions would produce estimates.

For census years, many tables carry both census figures and this Department's estimates.

Generally, where there are appreciable differences between census figures and this Department's final estimates, the process of checking and revising estimates has indicated that some sources provide more nearly complete information about some items than the census has been able to obtain. For example, this Department's estimates of tobacco production can be considered more precise than census figures, because the estimates are revised in line with actual production as shown independently by Internal Revenue records and State records of tobacco sales. Sugar-beet and sugarcane production and acreage estimates are adjusted to the quantities actually reported by sugar factories. Check information on peanuts is available from processors for areas sometimes including several States. Another illustration may be found in the introduction to the chapter on livestock statistics in the 1947 Agricultural Statistics.

Additional information about the relation between census data and the Department of Agriculture's estimates can be obtained from the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C.

#### WEIGHTS, MEASURES, AND CONVERSION FACTORS

"Ton" when used in this book without qualification means a short ton of 2,000 pounds.

The subjoined table of weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked in the Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The figures were assembled from various sources within the Department and from State schedules of legal weights. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume, due to differences in variety or size of the commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort was made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point-of-origin weight or weight at harvest was used.

The approximate or average weights, as given in this table, do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weights. The table was prepared chiefly for use of workers in the Department of Agriculture who have need of conversion factors in statistical computations. The figures are subject to revision.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

[See explanatory text just preceding this table]  
WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Alfalfa seed	Bushel	60	Grain sorghums	Bushel	56 and 50
Apples	Box <sup>2</sup>	48	Grapefruit:		
	Barrel	44	Florida and Texas	Box <sup>17</sup>	80
Apricots	Bushel	140	California	do <sup>18</sup>	19 68
Western	Crate <sup>3</sup>	48	Grapes	Bushel	48
Artichokes:			12-quart basket		18
Globe	Box <sup>4</sup>	40	Lug box <sup>20</sup>		23
Jerusalem	Bushel	50	4-basket crate <sup>21</sup>		20
Asparagus	Crate	30	Keg (2,642 cubic inches)		22 32
Avocados:			Box, sawdust pack <sup>22</sup>		34
California	Box <sup>5</sup>	13	Hempseed	Bushel	44
Florida	do <sup>6</sup>	12-15	Hickory nuts	do	50
Bananas	Bunch, 8-9 hands	45-65	Honey	Gallon	11.75
Barley	Bushel	48	Honey Ball melons	Crate	70
Beans:			Honey Dew melons	do	35
Lima, dry	do	56	Hops	Bale, gross	200
Others, dry	do	60	Horseradish roots	Bushel	35
Lima, unshelled	Sack	100		Barrel	100
Snap	Bushel	32	Hungarian millet seed	Bushel	48 and 50
Beets:			Kafir	do	56 and 50
Without tops	do	52	Kale	do	18
Bunched	Western crate <sup>7</sup>	70	Kapok seed	do	35-40
Berries, frozen pack:			Lard	do	376
Without sugar	50-gallon barrel	380	Lemons, California	Box <sup>24</sup>	1979
3+1 pack	do	425	Lentils	Bushel	60
2+1 pack	do	450	Lettuce	Western crate <sup>7</sup>	70
Blackberries	24-quart crate	36	Limes	Box <sup>17</sup>	80
Bluegrass seed	Bushel	14-30	Linseed oil	Gallon	9 7.7
Broomcorn (6 bales per ton)	Bale	333	Malt	Bushel	34
Broomcorn seed	Bushel	44-50	Maple sirup	Gallon	11
Buckwheat	do	48-52	Meadow fescue seed	Bushel	24
Butter	Tub	63	Milk	Gallon	8.6
	1½-bushel hamper	45-50	Millet	Bushel	48-50
Cabbage	do		Molasses	Gallon	12
	Western crate <sup>7</sup>	80	Mustard seed	Bushel	58-60
Cantaloup	Jumbo crate <sup>8</sup>	70	Oats	do	32
Carrots:			Olives	Lug box <sup>20</sup>	25-30
Without tops	Bushel	50	Olive oil	Gallon	9 7.6
Bunched	Western crate <sup>7</sup>	75		Sack	100
Castor beans	Bushel	46	Onions, dry	do	50
Castor oil	Gallon	9 8		Bushel, late	57
Cauliflower	1½-bushel crate	37		Bushel, early	50
Celery	¾ crate <sup>10</sup>	90	Onions, green bunched	Crate <sup>7</sup>	50-55
	½ crate	65	Onion sets	Bushel	28-32
Cherries:			Oranges:		
With stems	Bushel	56	Florida and Texas	Box <sup>17</sup>	90
Without stems	do	64	California	do <sup>18</sup>	19 77
Clover seed	Flat box <sup>11</sup>	15	Orchard grass seed	Bushel	14
Corn:	Bushel	60	Palm oil	Gallon	9 7.5
Ear, husked	do	12 70	Parsnips	Bushel	50
Shelled	do	56	Peaches	do	48
Green, sweet	do	35		Lug box <sup>20</sup>	20
Meal	do	50	Peanut oil	Gallon	9 7.7
Oil	Gallon	9 7.7	Peanuts, unshelled:		
Sirup	do	11.75	Virginia type	Bushel	22
Cotton	Bale, gross	500	Runners, south-eastern	do	28
	Bale, net	13 480	Spanish	do	30
Cottonseed	Bushel	14 32	Pears, California	do	48
Cottonseed oil	Gallon	9 7.7	Other	do	50
Cowpeas	Bushel	60	Western	Box <sup>23</sup>	46
Cranberries	Barrel	100	Peas:		
	¼-barrel box <sup>15</sup>	25	Green, unshelled	Bushel	30
Cream, 40-percent butterfat	Gallon	8.39	Dry	do	60
Cucumbers	Bushel	48	Peppers	do	25
Dewberries	24-quart crate	36	Perilla seed	do	37-40
Eggplant	Bushel	33	Pineapples	Crate <sup>26</sup>	70
Eggs, average size	Case, 30 dozen	45		Bushel	56
Escarole	Bushel hamper	25	Plums and prunes	Crate <sup>2</sup>	20
Figs, fresh	Box, single layer <sup>16</sup>	6		Suitcase lug <sup>27</sup>	16
Flaxseed	Bushel	56	Popcorn:		
Flour, various	Bag	100	On ear	Bushel	12 70
			Shelled	Bushel	56

WEIGHTS AND MEASURES—(Continued)

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Poppy seed.....	Bushel.....	46	Tangerines, Florida.....	$\frac{1}{2}$ strap <sup>29</sup> .....	40
Potatoes.....	Bushel.....	60	Box <sup>30</sup> .....		45
Quinces.....	Barrel.....	165	Timothy seed.....	Bushel.....	45
Rapeseed.....	Bushel.....	48	Tobacco:		
Raspberries.....	Bushel.....	50 and 60	Maryland.....	Hogshead.....	600-800
Redtop seed.....	24-quart crate.....	36	Flue-cured.....	Hogshead.....	900-1,100
Rice:	Bushel.....	14-40	Burley.....	Hogshead.....	1,000-1,200
Rice's sirup.....	Gallon.....	11.72	Dark air-cured.....	Hogshead.....	1,000-1,250
			Virginia fire-cured.....	Hogshead.....	1,050-1,350
Rough.....	Bushel.....	45	Kentucky and Tennessee fire-cured.....	Hogshead.....	1,350-1,650
Milled.....	Bag.....	100			
Rosin.....	Barrel.....	162	Cigar leaf.....	(Case.....	250-365
Rutabagas.....	Drum, net.....	100		Bale.....	150-175
Rye.....	Pocket or bag.....	520	Tomatoes.....	Bushel.....	53
Sesame seed.....	Bushel.....	56		Lug box <sup>31</sup> .....	32
Shallots.....	Bushel.....	46	Turnips:		
Sorgho.....	Bushel.....	25	Without tops.....	Bushel.....	54
Sirup.....	Gallon.....	11.55	Bunched.....	Crate <sup>1</sup> .....	60-80
Soybeans.....	Bushel.....	60	Turpentine.....	Gallon.....	7.23
Soybean oil.....	Gallon.....	9 7.7	Velvet beans (hulled).....	Bushel.....	60
Spelt.....	Bushel.....	40	Vetch.....	Bushel.....	60
Spinach.....	Bushel.....	18	Walnuts.....	Bushel.....	50
Strawberries.....	24-quart crate.....	36	Water, 60°F.....	Gallon.....	8.33
Sudan grass seed.....	Bushel.....	40	Watermelons.....	Melon of average or medium size.....	25
Sugarcane sirup.....	Gallon.....	11.35	Wheat.....	Bushel.....	60
Sunflower seed.....	Bushel.....	24 and 32	Various commodities.....	Short ton.....	2,000
Sweetpotatoes.....	Bushel.....	28 55		Long ton.....	2,240

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweet-potatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions,  $10\frac{1}{2}$  by  $11\frac{1}{2}$  by 18 inches.

<sup>3</sup> Approximate inside dimensions,  $4\frac{1}{2}$  by 16 by  $16\frac{1}{2}$  inches.

<sup>4</sup> Approximate inside dimensions, 9 by 11 by 20 inches.

<sup>5</sup> Approximate inside dimensions, 3 by  $13\frac{1}{2}$  by  $16\frac{1}{2}$  inches.

<sup>6</sup> Approximate inside dimensions,  $4\frac{1}{2}$  by  $13\frac{1}{2}$  by  $16\frac{1}{2}$  inches.

<sup>7</sup> Approximate inside dimensions, 13 by 18 by 21 inches.

<sup>8</sup> Approximate inside dimensions, 13 by 13 by  $22\frac{1}{2}$  inches.

<sup>9</sup> This is the weight commonly used in trade practice, the actual weight varying according to temperature conditions.

<sup>10</sup> Approximate inside dimensions, 22 by 16 by 20 inches.

<sup>11</sup> Approximate inside dimensions, 3 by  $11\frac{1}{2}$  by  $14\frac{1}{2}$  inches.

<sup>12</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it requires 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>13</sup> For statistical purposes the bale of cotton is 500 pounds gross or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>14</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>15</sup> Approximate inside dimensions, 9 by  $10\frac{1}{2}$  by 15 inches.

<sup>16</sup> Approximate inside dimensions, 1 by 11 by  $16\frac{1}{2}$  inches.

<sup>17</sup> Approximate inside dimensions, 12 by 12 by 24 inches.

<sup>18</sup> Approximate inside dimensions,  $11\frac{1}{2}$  by  $11\frac{1}{2}$  by 24 inches.

<sup>19</sup> Until 1942, these net weights as used in this Department (for figuring quantities and values of bulk fruit in terms of packed boxes) were 60 pounds for grapefruit, 76 pounds for lemons, and 70 pounds for oranges. Grapefruit in the Desert Valley of California and in Arizona probably weighs slightly less than that in other parts of California, or about 65 pounds per box, compared with 68 pounds in other California.

<sup>20</sup> Approximate inside dimensions, 5 by  $13\frac{1}{2}$  by  $16\frac{1}{2}$  inches.

<sup>21</sup> Approximate inside dimensions, 4 by 16 by  $16\frac{1}{2}$  inches.

<sup>22</sup> About 13 pounds of sawdust are required to pack 32 pounds of grapes in a keg, thus making the total weight about 45 pounds.

<sup>23</sup> Approximate inside dimensions, 7 by 15 by 18 inches.

<sup>24</sup> Approximate inside dimensions, 9 by 13 by 25 inches.

<sup>25</sup> Approximate inside dimensions, 8 by  $11\frac{1}{2}$  by 18 inches.

<sup>26</sup> Approximate inside dimensions, 12 by  $10\frac{1}{2}$  by 33 inches.

<sup>27</sup> Approximate inside dimensions, 3 by 11 by 18 inches.

<sup>28</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying, and the net weight when sold in terminal markets may be below 55 pounds.

<sup>29</sup> Approximate inside dimensions, 6 by 12 by 24 inches. This is the box ordinarily used in market sales. Farm weight is about 90 pounds per whole box.

<sup>30</sup> Approximate inside dimensions,  $9\frac{1}{2}$  by  $9\frac{1}{2}$  by 19 inches.

(See conversion factors on next page)

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh.
Do.....	1 pound chops.....	5 pounds fresh.
Do.....	1 barrel.....	3 boxes or 3 bushel baskets.
Apricots.....	1 pound dried.....	5½ pounds fresh.
Barley flour.....	100 pounds.....	4.59 bushels barley.
Beans, lima.....	1 pound shelled.....	2 pounds unshelled.
Buckwheat flour.....	100 pounds.....	3.57 bushels buckwheat.
Cane sirup.....	1 gallon.....	5 pounds sugar.
Cherries.....	1 pound dried.....	4 pounds fresh in California; 5 pounds fresh elsewhere.
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn.
Corn meal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946.
Nondegermed.....	do.....	2 bushels corn, beginning 1946.
Cotton.....	1 pound ginned.....	2.86 pounds unginned, until 1943.
Dairy products:		
Butter.....	1 pound.....	21 pounds milk.
Cheese.....	do.....	10 pounds milk.
Condensed milk, whole.....	do.....	2.2 pounds milk.
Evaporated milk, whole.....	do.....	Do.
Ice cream <sup>31</sup> .....	1 gallon.....	15 pounds milk.
Ice cream <sup>31</sup> (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk.
Malted milk.....	1 pound.....	2.6 pounds milk.
Powdered milk.....	do.....	8 pounds milk.
Powdered cream.....	do.....	19 pounds milk.
Dates.....	1 pound dried.....	1½ pounds fresh.
Eggs.....	1 case (45 lbs.).....	37.5 pounds frozen or liquid eggs, since 1937.
Do.....	do.....	10.1 pounds dried eggs.
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Grapefruit, Florida.....	1 case canned.....	Slightly less than 1 box fresh fruit.
Flaxseed.....	1 bushel.....	Yields about 2½ gallons oil.
Linseed oil.....	1 gallon.....	From 0.4 bushel flaxseed.
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple sirup.....	1 gallon.....	8 pounds maple sugar.
Nuts:		
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled.
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds there after.
Brazil.....	do.....	2 pounds unshelled.
Cashews.....	do.....	4.55 pounds unshelled.
Chestnuts.....	do.....	1.19 pounds unshelled.
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter.
Pecans:		
Seedling.....	do.....	2.63 pounds unshelled.
Improved.....	do.....	2.38 pounds unshelled.
Pignolias.....	do.....	1.3 pounds unshelled.
Pistachios.....	do.....	2 pounds unshelled.
Walnuts:		
Black.....	do.....	8½ pounds unshelled.
Persian (English).....	do.....	2.35 pounds unshelled.
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943.
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28, and 6½ pounds fresh from 1929 to date.
Peaches, California, clingstone.....	do.....	7½ pounds fresh.
Peanuts.....	1 pound shelled.....	1½ pounds unshelled.
Pears.....	1 pound dried.....	5½ pounds fresh.
Peas, green.....	1 pound shelled.....	2½ pounds unshelled.
Prunes.....	1 pound dried.....	2½ pounds fresh in California; 3 to 4 pounds fresh elsewhere.
Raisins.....	1 pound.....	4 pounds fresh grapes.
Rice.....	100 pounds.....	3.42 bushels rough or unhulled rice.
Rye flour.....	do.....	2.35 bushels rye, beginning 1939.
Sugar.....	1 ton raw.....	Hawaii, 0.9617 ton refined; Puerto Rico and Philippines, 0.946 ton refined; Cuba, 0.9418 ton refined, beginning with the 1931-32 season; Louisiana (96° raw), 0.9346 ton refined, beginning 1919; Florida (96° raw), 0.9346 ton refined, beginning 1928.
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See Circular 435, U. S. Dept. of Agr.)
Wheat flour.....	100 pounds.....	2.33 bushels wheat. <sup>32</sup>
Wool, domestic shorn.....	1 pound scoured.....	2.5 pounds grease.
Wool, imported shorn apparel.....	do.....	1.67 pounds grease.
Wool, domestic pulled.....	do.....	1.5 pounds grease.
Wool, imported pulled apparel.....	do.....	1.3 pounds grease.

<sup>31</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>32</sup> This is equivalent to 4.56 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions beginning July 1, 1944. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-1917, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels. From March 1 to Nov. 1, 1946, the milling rate averaged about 2.20 bushels wheat per 100 pounds flour.

# CHAPTER I

## STATISTICS OF GRAINS

This chapter on grains is concerned with estimates of acreage, production, farm disposition, stocks, prices received by farmers, and farm value. Estimates in greater detail are published regularly by the Crop Reporting Board.

For rough rice the Department has adopted the 100-pound bag as the official unit for domestic production. Production, supply, and distribution data are shown in terms of this unit. In certain tables, where prices appear with production, both the bushel and the 100-pound units are used for production, since the price data have not yet been converted to the basis of the 100-pound bag.

Tables on sorgo sirup, which might be expected in the sorghum group, are included with "sugar crops." Popcorn and broomcorn tables are included with "minor field crops." Corn sugar and corn sirup, however, are included in the corn tables in this chapter.

TABLE 1.—Wheat: Acreage, yield, production, value, and foreign trade, United States, 1929-49

Year	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel, year beginning July, at—		Foreign trade, including flour, year beginning July <sup>4</sup>		
							Kansas City <sup>2</sup>	Minneapolis <sup>3</sup>	Domestic exports <sup>5</sup>	Imports <sup>6</sup>	Net exports or imports (—) <sup>7</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929	67,177	63,392	12.9	800,619	103.6	853,778	120	130	153,245	12,956	140,261
1929	67,559	62,637	13.0	824,183	67.1	595,247	76	82	131,475	19,059	112,435
1930	66,463	57,704	14.2	886,522	39.1	368,270	47	71	135,797	12,886	123,774
1931	66,281	57,851	13.1	756,307	38.2	289,230	51	61	41,211	9,382	32,284
1932	69,009	49,424	11.2	552,215	74.4	410,770	88	91	37,002	11,494	25,508
1933	47,943	43,347	12.2	513,213	84.8	446,085	98	116	21,532	25,134	-3,602
1934	64,064	51,305	12.1	626,227	83.1	521,915	105	126	15,929	46,638	-30,709
1935	69,611	49,125	12.2	629,880	102.5	646,465	121	147	21,584	47,924	-26,340
1936	73,970	64,169	12.8	873,914	96.2	840,706	111	128	107,194	3,561	103,633
1937	80,814	69,197	13.6	919,913	* 56.2	516,636	70	79	115,784	9,623	106,161
1938	78,981	56,886	13.3	708,858							
1939	62,802	52,669	14.0	741,210	* 69.1	612,427	74	97	54,274	10,430	43,844
1939	61,820	55,273	14.1	814,646	* 68.2	555,547	82	90	40,557	11,024	29,533
1940	62,707	55,935	15.3	841,970	* 64.4	689,561	112	110	35,833	15,676	20,257
1941	53,000	49,778	16.8	969,381	* 110.0	1,064,789	126	129	33,403	8,633	24,770
1942	55,984	51,355	16.4	843,813	* 136.0	1,148,845	145	155	51,110	147,311	-96,201
1943	66,190	59,749	17.7	1,032,660							
1944	69,130	65,120	17.0	1,108,224	* 141.0	1,497,693	156	159	56,711	51,561	5,150
1945	71,536	67,075	17.2	1,153,046	150.0	1,661,649	160	171	318,695	13,591	305,104
1946	78,169	74,389	18.4	1,367,186	191.0	2,203,246	209	234	367,438	2,025	365,413
1947	78,924	73,017	18.0	1,313,534	229.0	3,128,587	* 252	288	478,882	149	478,733
1948	84,931	76,751	14.9	1,146,463	* 200.0	2,622,558	* 219	237	504,435	4,571	500,427
1949 <sup>10</sup>					* 186.0	2,133,125	* 216	237			

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.

<sup>2</sup> No. 2 Hard Winter, computed by weighting selling prices by number of carlots sold, as reported in the Kansas City Grain Market Review.

<sup>3</sup> No. 1 Dark Northern Spring, computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.

<sup>4</sup> Compiled from reports of the Department of Commerce. Wheat flour converted to grain equivalent on the following basis: 1929 to June 30, 1944, 4.7 bushels of grain to 1 barrel of flour; July 1, 1944, to Feb. 28, 1946, 2.33 bushels of grain to 100 pounds of flour; the following months of 1946 as indicated, March 2.28, April 2.17, May 2.18, June 2.17, July 2.18, August 2.22, September 2.20, and October 2.23 bushels; and Nov. 1, 1946, to date, 2.33 bushels of grain to 100 pounds of flour.

<sup>5</sup> Includes flour milled from imported wheat. See also table 11.

<sup>6</sup> Includes wheat imported for milling in bond and subsequent export. General imports 1929-32; imports for consumption beginning 1933.

<sup>7</sup> Total exports (domestic plus foreign) minus general imports 1929-32; beginning 1933, domestic exports minus imports for consumption. Net imports shown by a minus sign.

<sup>8</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>9</sup> No. 2 Hard and Dark Winter.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 1.

TABLE 2.— *Wheat: Acreage seeded and harvested, and production, by groups, United States, 1940-49*

Year	Winter wheat					All spring wheat				
	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>
1940.....	43,536	36,095	13.6	16.4	592,809	18,284	17,178	12.1	12.9	221,837
1941.....	46,045	39,778	14.6	16.9	673,727	16,662	16,157	16.1	16.6	268,243
1942.....	38,855	36,020	18.1	19.5	702,159	14,145	13,753	18.9	19.4	267,222
1943.....	38,515	34,563	14.0	15.6	537,476	17,469	16,792	17.5	18.2	306,337
1944.....	46,821	41,125	16.1	18.3	751,901	19,369	18,624	15.9	16.5	308,210
1945.....	50,415	46,989	16.2	17.4	817,834	18,715	18,131	15.5	16.0	290,390
1946.....	52,195	48,350	16.7	18.0	870,725	19,341	18,725	14.6	15.1	282,321
1947.....	58,133	54,835	18.4	19.5	1,068,048	20,036	19,554	14.9	15.3	299,138
1948.....	58,871	53,515	17.1	18.8	1,007,863	20,053	19,502	15.2	15.7	305,671
1949 <sup>2</sup> .....	62,372	55,453	14.5	16.3	901,668	22,559	21,298	10.9	11.5	244,795

  

Year	Durum wheat (3 States) <sup>3</sup>					Other spring wheat <sup>4</sup>				
	Acreage seeded	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>
1940.....	3,371	3,029	9.6	10.7	32,294	14,913	14,149	12.7	13.4	189,543
1941.....	2,598	2,524	15.6	16.1	40,658	14,064	13,633	16.2	16.7	227,585
1942.....	2,155	2,109	19.1	19.6	41,236	11,990	11,644	18.8	19.4	225,986
1943.....	2,136	2,078	15.7	16.1	33,505	15,333	14,714	17.8	18.5	272,832
1944.....	2,009	2,057	14.1	14.4	29,666	17,270	16,567	16.1	16.8	278,544
1945.....	2,026	2,004	16.2	16.4	32,840	16,689	16,127	15.4	16.0	257,550
1946.....	2,493	2,453	14.4	14.6	35,836	16,848	16,272	14.6	15.1	246,485
1947.....	2,975	2,948	14.9	15.0	44,328	17,061	16,606	14.9	15.3	254,810
1948.....	3,245	3,187	13.8	14.0	44,680	16,808	16,315	15.5	16.0	260,991
1949 <sup>2</sup> .....	3,693	3,525	10.5	11.0	38,864	18,866	17,773	10.9	11.6	205,931

  

All Wheat						
Year	Total acreage seeded <sup>5</sup>	Net acreage seeded <sup>6</sup>	Acreage harvested	Yield per total seeded acre	Yield per harvested acre	Production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>
1940.....	61,820	61,782	53,273	13.2	15.3	814,646
1941.....	62,707	62,650	55,935	15.0	16.8	941,970
1942.....	53,000	52,966	49,773	18.3	19.5	969,381
1943.....	55,984	55,280	51,355	15.1	16.4	843,813
1944.....	66,190	66,030	59,749	16.0	17.7	1,060,111
1945.....	69,130	69,018	65,120	16.0	17.0	1,108,224
1946.....	71,536	71,458	67,075	16.1	17.2	1,153,046
1947.....	78,169	77,626	74,389	17.5	18.4	1,367,186
1948.....	78,924	78,803	73,017	16.6	18.0	1,313,534
1949 <sup>2</sup> .....	84,931	84,283	76,751	13.5	14.9	1,146,463

<sup>1</sup> Acreage seeded in preceding fall, for winter wheat only.<sup>2</sup> Preliminary.<sup>3</sup> Minnesota, North Dakota, and South Dakota. Includes "Red Durum."<sup>4</sup> Includes small quantities of durum wheat, grown in States other than the three which are specified in footnote 3.<sup>5</sup> Total of acreage seeded to winter wheat and all spring wheat.<sup>6</sup> Total acreage seeded less an allowance for winter wheat acreage abandoned and later reseeded to spring wheat for harvest in the same crop year. Occurs principally in the Pacific Northwest.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 2; for 1929-38 in Agricultural Statistics, 1943, table 2; and for 1939 in 1949 book, table 2.



TABLE 3.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	309	463	429	299	454	421	7,364	12,452	11,760	138	206	180
New Jersey.....	77	115	107	58	82	83	1,313	1,763	1,992	137	222	185
Pennsylvania.....	914	985	936	891	966	918	18,461	18,354	21,114	136	209	180
North Atlantic.....	1,301	1,563	1,472	1,250	1,502	1,422	27,170	32,569	34,866	137	209	180
Ohio.....	1,981	2,377	2,377	1,934	2,353	2,353	43,274	57,648	60,002	134	209	175
Indiana.....	1,451	1,811	1,775	1,403	1,775	1,757	27,271	38,162	39,532	130	207	175
Illinois.....	1,572	1,745	2,057	1,477	1,710	2,016	28,160	41,049	49,379	130	209	180
Michigan.....	864	1,416	1,303	851	1,395	1,297	19,976	36,270	35,019	135	207	180
Wisconsin.....	88	127	115	85	123	112	1,693	2,906	2,520	128	204	190
Minnesota.....	1,468	1,096	1,300	1,425	1,056	1,281	24,066	18,447	20,058	130	205	204
Iowa.....	279	339	446	242	316	416	4,547	7,393	7,856	125	202	185
Missouri.....	1,611	1,914	2,125	1,414	1,785	1,946	21,680	39,270	35,028	127	204	180
North Dakota.....	9,118	9,983	10,942	8,731	9,820	10,466	127,404	140,958	111,439	127	203	203
South Dakota.....	3,305	4,040	4,368	2,990	3,848	4,074	37,530	50,391	34,276	125	199	194
Nebraska.....	3,801	4,499	4,686	3,331	4,072	3,761	58,994	82,988	54,408	123	198	190
Kansas.....	13,447	14,634	16,244	11,793	13,221	14,279	180,657	231,368	164,208	123	197	185
North Central.....	38,986	43,981	47,738	35,677	41,474	43,758	575,251	746,850	613,725	126	202	187
Delaware.....	69	73	68	66	68	65	1,289	986	1,202	138	214	185
Maryland.....	380	415	386	377	368	362	7,128	6,032	6,878	137	213	185
Virginia.....	533	523	507	498	497	472	7,904	9,194	8,732	141	216	190
West Virginia.....	119	99	93	99	85	77	1,624	1,658	1,502	140	212	190
North Carolina.....	494	427	512	459	390	445	6,805	6,045	5,785	146	228	200
South Carolina.....	232	245	203	225	238	193	3,029	3,332	1,930	143	219	205
Georgia.....	206	239	205	190	221	190	2,293	2,984	2,280	139	220	195
South Atlantic.....	2,032	2,021	1,974	1,895	1,876	1,804	30,073	30,231	28,309	141	218	192
Kentucky.....	458	420	420	371	324	301	5,569	5,184	5,268	135	213	185
Tennessee.....	384	389	327	356	370	300	4,727	5,365	4,350	140	220	190
Alabama.....	14	17	15	12	15	12	171	232	180	140	225	190
Mississippi.....	415	18	16	411	14	12	4,249	308	264	138	217	180
Arkansas.....	49	43	37	34	30	26	390	525	390	124	211	185
Oklahoma.....	5,469	7,332	7,552	4,958	6,825	6,825	67,428	98,962	88,725	121	200	180
Texas.....	5,134	6,752	7,697	4,289	5,629	7,093	53,944	59,104	102,848	121	201	180
South Central.....	11,522	14,971	16,064	10,030	13,207	14,569	132,454	169,680	202,025	122	201	180
Montana.....	4,225	5,201	5,906	3,852	4,875	5,140	64,160	93,718	64,080	119	188	186
Idaho.....	1,111	1,523	1,597	1,054	1,413	1,537	29,316	35,931	38,106	114	182	178
Wyoming.....	276	377	403	237	337	378	4,174	6,658	7,799	116	185	179
Colorado.....	1,710	3,413	3,622	1,451	3,074	2,884	27,703	64,605	49,551	118	190	185
New Mexico.....	458	618	554	325	378	402	3,872	3,487	4,940	119	198	180
Arizona.....	32	29	30	30	28	28	628	644	700	139	216	190
Utah.....	278	425	441	268	409	428	6,273	8,695	9,440	117	188	175
Nevada.....	18	25	25	18	24	24	473	709	738	125	196	186
Washington.....	2,412	2,959	3,158	2,245	2,766	2,707	57,787	79,268	57,511	116	196	195
Oregon.....	937	1,100	1,207	865	1,052	1,050	21,187	29,954	23,203	120	201	200
California.....	736	718	740	665	602	620	11,429	10,535	11,470	134	217	200
Western.....	12,191	16,388	17,683	11,003	14,958	15,198	227,002	334,204	267,538	118	192	188
United States.....	66,032	78,924	84,931	59,854	73,017	76,751	991,950	1,313,534	1,146,463	124	200	186

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.<sup>2</sup> Preliminary.<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 4.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949

## WINTER WHEAT

State and division	Acreage seeded			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	Crops of 1938-47	Crop of 1948	Crop of 1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	305	457	425	295	448	417	7,278	12,320	11,676	138	206	180
New Jersey.....	77	115	107	58	82	83	1,313	1,763	1,992	137	222	185
Pennsylvania.....	909	985	936	886	966	918	18,373	18,354	21,114	136	209	180
North Atlantic..	1,291	1,557	1,468	1,239	1,496	1,418	26,964	32,437	34,782	137	209	180
Ohio.....	1,980	2,377	2,377	1,933	2,353	2,353	43,254	57,648	60,002	134	209	175
Indiana.....	1,446	1,811	1,775	1,398	1,775	1,757	27,188	38,162	39,532	130	207	175
Illinois.....	1,560	1,736	2,048	1,464	1,701	2,007	27,907	40,824	49,172	130	209	180
Michigan.....	857	1,416	1,303	844	1,395	1,297	19,844	36,270	35,019	135	207	180
Wisconsin.....	40	34	29	39	31	27	728	698	608	127	203	190
Minnesota.....	162	109	85	143	81	81	2,568	1,539	1,458	129	202	195
Iowa.....	263	326	430	226	303	400	4,300	7,120	7,600	125	202	185
Missouri.....	1,611	1,914	2,125	1,414	1,785	1,946	21,680	39,270	35,028	127	204	180
South Dakota.....	259	299	293	196	209	224	2,919	2,822	2,800	122	193	185
Nebraska.....	3,677	4,419	4,596	3,224	3,997	3,677	57,806	81,938	53,316	123	198	190
Kansas.....	13,435	14,634	16,244	11,785	13,221	14,279	180,584	231,368	164,208	123	197	185
North Central..	25,291	29,075	31,305	22,665	26,851	28,048	388,778	537,659	448,743	126	201	182
Delaware.....	69	73	68	66	68	65	1,289	986	1,202	138	214	185
Maryland.....	380	415	386	358	377	362	7,128	6,032	6,878	137	213	185
Virginia.....	533	523	507	498	497	472	7,904	9,194	8,732	141	216	190
West Virginia.....	119	99	93	99	85	77	1,624	1,658	1,602	140	212	190
North Carolina.....	494	427	512	459	390	445	6,805	6,045	5,785	146	228	200
South Carolina.....	232	245	203	225	238	193	3,029	3,332	1,930	143	219	205
Georgia.....	206	239	205	190	221	190	2,293	2,984	2,280	139	220	195
South Atlantic..	2,032	2,021	1,974	1,895	1,876	1,804	30,073	30,231	28,309	141	218	192
Kentucky.....	458	420	420	371	324	301	5,569	5,184	5,268	135	213	185
Tennessee.....	384	389	327	356	370	300	4,727	5,365	4,330	140	220	190
Alabama.....	14	17	15	12	15	12	171	232	180	140	225	190
Mississippi.....	415	18	16	11	14	12	3,249	308	264	138	217	180
Arkansas.....	49	43	37	34	30	26	390	525	390	124	211	185
Oklahoma.....	5,469	7,332	7,552	4,958	6,825	6,825	67,428	98,962	88,725	121	200	180
Texas.....	5,134	6,752	7,697	4,289	5,629	7,093	53,944	59,104	102,848	121	201	180
South Central..	11,522	14,971	16,064	10,030	13,207	14,569	132,454	169,680	202,025	122	201	180
Montana.....	1,451	1,676	1,676	1,252	1,549	1,348	25,238	37,176	24,264	117	185	180
Idaho.....	719	935	1,038	676	843	995	17,760	18,546	22,388	114	184	180
Wyoming.....	171	285	311	146	255	296	2,779	5,100	6,364	117	186	180
Colorado.....	1,495	3,303	3,402	1,274	2,972	2,675	24,848	62,412	45,475	118	190	185
New Mexico.....	435	597	531	305	359	381	3,580	3,231	4,572	119	198	180
Arizona.....	32	29	30	30	28	28	628	644	700	139	216	190
Utah.....	211	345	366	202	332	355	4,208	6,308	6,922	116	188	175
Nevada.....	5	7	6	5	7	6	139	182	180	126	197	190
Washington.....	1,606	2,477	2,551	1,460	2,302	2,141	41,061	69,060	48,172	117	196	195
Oregon.....	719	875	910	666	836	769	16,614	24,662	17,302	120	201	200
California.....	736	718	740	655	602	610	11,429	10,535	11,470	134	217	200
Western.....	7,578	11,247	11,561	6,672	10,085	9,614	148,284	237,856	187,809	118	193	188
United States..	47,713	58,871	62,372	42,500	53,515	55,453	726,553	1,007,863	901,668	125	200	183

See footnotes at end of table.

TABLE 4.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued  
DURUM WHEAT <sup>1</sup>

State and division	Acreage seeded			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Minnesota.....	60	63	97	59	62	95	983	930	1,472	128	204	200
North Dakota.....	2,232	2,913	3,236	2,146	2,863	3,092	30,813	40,082	34,012	127	202	200
South Dakota.....	386	269	360	360	262	338	4,460	3,668	3,380	122	195	190
3 States.....	2,677	3,245	3,693	2,565	3,187	3,525	36,256	44,680	38,864	126	201	199

## OTHER SPRING WHEAT

New York.....	4	6	4	4	6	4	86	132	84	138	206	180
North Atlantic.....	11	6	4	11	6	4	206	132	84	142	206	180
Illinois.....	13	9	9	13	9	9	253	225	207	130	211	180
Wisconsin.....	48	93	86	46	92	85	965	2,208	1,912	128	204	190
Minnesota.....	1,247	924	1,118	1,223	913	1,105	20,515	15,978	17,128	130	205	205
Iowa.....	16	13	16	16	13	16	247	273	256	125	204	190
North Dakota.....	6,886	7,070	7,706	6,585	6,957	7,374	96,591	100,876	77,427	127	203	205
South Dakota.....	2,660	3,472	3,715	2,434	3,377	3,512	30,151	43,901	28,096	127	200	195
Nebraska.....	124	80	90	108	75	84	1,188	1,050	1,092	120	192	185
North Central.....	11,018	11,661	12,740	10,446	11,436	12,185	150,217	164,511	126,118	128	202	202
Montana.....	2,774	3,525	4,230	2,599	3,326	3,792	38,922	56,542	39,816	120	190	190
Idaho.....	392	588	559	378	570	542	11,556	17,385	15,718	114	180	175
Wyoming.....	106	92	92	90	82	82	1,395	1,558	1,435	115	180	175
Colorado.....	214	110	220	177	102	209	2,856	2,193	4,076	117	187	180
New Mexico.....	23	21	23	20	19	21	292	256	368	116	199	185
Utah.....	67	80	75	65	77	73	2,065	2,387	2,518	117	188	175
Nevada.....	13	18	19	12	17	18	334	527	558	125	196	185
Washington.....	806	482	607	785	464	566	16,726	10,208	9,339	117	196	195
Oregon.....	218	225	297	202	216	281	4,573	5,292	5,901	120	202	200
Western.....	4,612	5,141	6,122	4,331	4,873	5,584	78,718	96,348	79,729	118	189	187
United States.....	15,641	16,808	18,866	14,788	16,315	17,773	229,141	260,991	205,931	124	198	196

<sup>1</sup> Preliminary.

<sup>2</sup> For certain years, prices include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>3</sup> Short-time average.

<sup>4</sup> Includes "Red Durum." Small additional quantities of durum wheat are grown in other than the 3 States shown here, but included with "other spring" wheat.

Bureau of Agricultural Economics.

TABLE 5.—Wheat: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49 <sup>1</sup>

Continent and country	Acreage <sup>2</sup>					Yield per acre <sup>4</sup>					Production				
	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	25,595	22,466	24,260	24,106	27,541	12.2	18.8	14.1	16.0	13.3	312,399	422,559	341,758	386,345	367,406
Mexico.....	1,244	1,394	1,233	1,483	1,310	11.5	11.2	12.6	12.4	13.2	14,284	15,624	15,501	18,372	17,269
United States.....	57,293	54,017	74,389	73,017	76,751	13.2	17.1	18.4	18.0	14.9	758,629	925,984	1,367,186	1,313,534	1,146,463
Estimated total <sup>5</sup> .....	84,170	77,930	99,930	98,660	105,650	-----	-----	-----	-----	-----	1,086,000	1,365,000	1,725,000	1,719,000	1,532,000
Europe:	99	123	130	-----	-----	15.2	11.2	15.4	-----	-----	1,507	1,381	2,000	-----	-----
Albania.....	630	545	530	540	550	25.3	21.7	18.3	20.4	25.5	15,942	11,800	9,700	11,000	14,000
Austria.....	394	492	220	385	420	40.3	36.2	29.5	39.1	52.1	15,887	17,820	6,500	15,065	21,890
Bulgaria.....	3,362	3,300	3,680	-----	-----	20.5	16.1	-----	-----	-----	69,080	53,500	-----	-----	-----
Czechoslovakia.....	2,158	2,175	2,140	2,147	2,075	26.6	23.0	17.3	24.2	27.5	57,322	50,000	37,000	52,000	57,000
Denmark.....	319	151	60	170	205	45.4	41.5	33.3	54.7	53.4	14,470	6,264	2,000	9,296	10,950
Finland.....	230	322	420	425	450	26.5	19.0	18.1	24.0	22.2	6,100	6,134	7,600	10,200	10,000
France.....	12,560	11,300	9,250	11,100	11,120	22.8	21.2	16.2	27.0	26.5	286,505	240,000	150,000	300,000	295,000
Germany.....	4,250	-----	-----	-----	-----	34.6	-----	-----	-----	-----	147,000	-----	-----	-----	-----
Greece.....	2,172	2,250	-----	2,105	1,849	14.0	9.6	-----	14.7	15.2	30,425	21,500	-----	30,931	28,094
Hungary.....	4,091	4,080	3,100	-----	-----	22.3	19.5	14.8	-----	-----	91,210	79,762	46,000	-----	-----
Ireland.....	225	499	580	540	375	34.2	33.5	29.3	34.3	38.8	7,689	16,735	17,000	18,500	14,560
Italy.....	12,577	12,464	11,500	11,860	12,100	22.1	19.7	17.8	21.1	21.9	278,366	245,812	205,000	250,000	265,000
Luxembourg.....	47	42	20	40	40	25.9	22.3	20.0	27.5	30.0	1,215	936	400	1,100	1,200
Netherlands.....	333	352	212	244	256	45.7	35.9	35.4	46.0	61.0	15,217	12,639	7,600	11,235	15,627
Norway.....	80	108	86	81	76	29.9	26.2	19.7	34.3	29.7	2,391	2,832	1,698	2,779	2,260
Poland.....	3,260	-----	-----	-----	-----	22.7	-----	-----	-----	-----	74,000	-----	-----	-----	-----
Portugal.....	1,720	-----	1,680	1,724	1,717	10.7	-----	7.6	7.6	8.8	18,400	-----	12,781	13,064	15,109
Rumania.....	6,900	5,600	-----	-----	-----	16.2	14.3	-----	-----	-----	112,000	80,000	-----	-----	-----
Spain.....	<sup>6</sup> 11,253	9,300	9,900	9,900	9,800	<sup>6</sup> 14.0	11.1	10.4	11.1	11.2	<sup>6</sup> 157,986	103,000	103,000	110,000	110,000
Sweden.....	740	700	723	780	761	35.6	24.0	20.3	33.1	34.2	26,351	16,834	14,660	25,806	26,050
Switzerland.....	183	225	225	211	206	33.1	35.2	30.5	33.9	34.6	6,050	7,929	6,860	7,150	7,128
United Kingdom.....	1,843	2,655	2,163	2,279	1,964	33.8	36.0	28.8	38.7	40.7	62,361	95,656	62,250	88,144	79,856
Yugoslavia.....	5,400	4,900	-----	-----	-----	18.1	15.7	-----	-----	-----	97,700	77,000	-----	-----	-----
Estimated total <sup>6</sup> .....	74,840	70,020	64,820	69,410	68,930	-----	-----	-----	-----	-----	1,595,000	1,345,000	1,005,000	1,455,000	1,485,000
U.S.S.R. (Europe and Asia).....	104,000	-----	73,000	95,000	103,000	11.9	-----	11.6	10.8	10.7	1,240,000	-----	850,000	1,025,000	1,100,000
Asia:	7 17.2	3 283	-----	-----	-----	7 17.2	16.1	-----	-----	-----	7 72,128	52,880	70,737	70,731	59,928
Iran.....	7 1,724	1,737	1,700	927	1,236	7 10.7	8.5	6.8	11.9	14.6	18,114	14,697	11,500	11,023	18,000
Iraq.....	( <sup>6</sup> )	166	173	173	173	( <sup>6</sup> )	9.5	11.7	-----	8.5	( <sup>6</sup> )	1,572	2,021	-----	1,470
Lebanon.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Palestine.....	533	450			6.1	7.4				3,244	3,339			
Syria.....	1,363	1,216	2,084	1,819	2,300	14.3	13.5	7.1	13.3	8.7	19,485	16,357	14,838	24,130
Turkey.....	8,973	10,214	9,658	9,884	9,150	15.1	13.3	13.5	14.7	10.4	135,690	135,747	130,000	145,000
China.....	49,000	47,400	56,900	52,818	52,717	15.3	16.5	16.2	17.5	15.6	750,000	782,000	919,600	925,000
Manchuria.....	2,896	1,955				12.4	11.7				36,035	22,923		
Indian Union <sup>9</sup> .....	25,460	24,227	24,440	20,353	21,165	10.3	10.5	7.4	9.9	9.5	262,100	253,600	180,000	201,186
Pakistan <sup>9</sup> .....	9,305	10,028	10,063	9,877	10,824	12.6	13.1	11.6	12.6	14.2	117,000	131,369	116,928	124,768
Japan.....	1,735	2,044	1,428	1,631	1,680	28.8	25.6	19.7	23.5	23.4	49,954	52,228	28,164	38,250
Korea.....	832	801				12.3	12.7				10,240	10,203		
Estimated total <sup>5</sup> .....	108,190	105,830	115,470	106,560	108,450						1,498,000	1,500,000	1,526,000	1,598,000
Africa:														
Algeria.....	4,184	3,965	3,700	3,780	3,700	8.4	7.4	6.5	10.2	10.5	35,201	29,442	24,000	39,000
Egypt.....	1,464	1,693	1,692	1,573	1,471	31.3	26.0	23.9	26.4	30.6	45,848	43,973	40,500	45,000
French Morocco.....	3,254	3,555	3,000	2,590	2,475	7.1	7.2	8.2	8.9	8.7	23,128	25,447	24,500	21,500
Tunisia.....	1,950	1,747	1,600	2,170	2,095	7.7	6.0	6.9	5.1	9.6	14,962	10,509	11,000	20,095
Union of South Africa <sup>10</sup> .....	1,926	2,514	2,228	2,400	2,694	8.3	6.2	8.0	7.3	5.3	16,025	15,597	17,770	14,340
Estimated total <sup>5</sup> .....	13,850	14,710	13,750	14,430	14,550						143,000	134,000	128,000	155,000
South America:														
Argentina.....	15,834	13,776	11,656	12,000	12,500	14.0	17.0	21.0	15.8	16.8	221,769	234,585	245,000	190,000
Brazil.....	414	677	942			12.0	10.2	13.5			4,978	6,955	12,688	11,800
Chile.....	1,963	1,908	2,023	2,143	2,062	16.1	16.7	19.5	19.1	16.1	31,562	31,873	39,360	40,913
Peru.....	285	287	247			11.5	12.2	14.9			3,274	3,504	3,670	3,670
Uruguay.....	1,210	945	1,248	1,280	1,200	11.0	10.8	12.5	14.7	11.7	13,256	10,161	15,562	18,813
Estimated total <sup>5</sup> .....	20,490	18,250	16,650	17,100	17,550						281,000	293,000	321,000	270,000
Oceania:														
Australia.....	13,128	10,053	13,880	12,583	12,429	12.9	11.3	15.9	15.2	17.2	169,744	113,455	220,116	190,703
New Zealand.....	221	241	124	147	130	32.3	34.0	36.6	40.5	36.2	7,129	8,199	4,539	5,958
Total.....	13,349	10,294	14,004	12,730	12,559						176,873	121,654	224,655	196,661
Estimated world total <sup>5</sup> .....	418,880	387,830	397,620	413,890	430,690						6,021,000	5,735,000	5,780,000	6,410,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1949 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1949 and ended early in 1950.

<sup>2</sup> Figures refer to harvested area as far as possible.

<sup>3</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere, revised preliminary forecasts.

<sup>4</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>5</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Figure for 1935 only.

<sup>7</sup> Average of less than 5 years.

<sup>8</sup> Estimates for Syria and Lebanon not shown separately during this period.

<sup>9</sup> Estimates for reporting area only. Allowances for nonreporting area, not shown, are included in estimated total for Asia.

<sup>10</sup> Production on European holdings only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 6.—*Wheat: Stocks on and off farms, United States, 1940-49*

Year beginning October—	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1940.....	365, 118	279, 970	192, 173	86, 675	511, 978	443, 806	352, 814	298, 058
1941.....	483, 922	371, 775	268, 531	162, 722	678, 348	628, 144	541, 337	468, 053
1942.....	632, 573	484, 754	321, 179	189, 574	739, 779	667, 660	574, 889	429, 323
1943.....	523, 394	382, 351	219, 137	103, 622	591, 093	435, 248	325, 138	212, 933
1944.....	521, 123	384, 638	233, 856	87, 703	558, 071	443, 709	324, 588	191, 477
1945.....	517, 823	361, 031	198, 481	41, 606	502, 165	320, 961	133, 654	58, 482
1946.....	551, 669	365, 794	139, 851	40, 477	397, 593	276, 483	168, 698	43, 336
1947.....	611, 356	428, 666	256, 986	94, 511	517, 743	372, 946	223, 167	101, 480
1948.....	558, 941	391, 379	246, 024	67, 172	603, 458	477, 095	339, 139	240, 175
1949 <sup>3</sup> .....	472, 209	327, 230	199, 169	64, 660	686, 950	581, 996	465, 861	352, 143

<sup>1</sup> Includes old crop only.<sup>2</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins and in transit.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-38 in Agricultural Statistics, 1943, table 8, and for 1939 in 1949 book, table 6.

TABLE 7.—*Wheat: Production, seed used, and farm disposition, United States, 1940-49*

Crop of—	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	Ground at mill for home use or exchanged for flour	
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1940.....	814, 646	74, 351	62, 047	98, 972	10, 348	643, 279
1941.....	941, 970	62, 490	54, 004	98, 871	9, 020	780, 075
1942.....	969, 381	65, 487	55, 040	91, 315	7, 259	815, 767
1943.....	843, 813	77, 351	61, 571	89, 821	5, 690	686, 731
1944.....	1, 060, 111	80, 373	64, 731	103, 420	5, 383	886, 577
1945.....	1, 108, 224	82, 011	67, 371	98, 201	4, 871	937, 781
1946.....	1, 153, 046	86, 498	68, 491	85, 701	3, 850	995, 004
1947.....	1, 367, 186	90, 746	73, 459	92, 681	4, 387	1, 196, 659
1948.....	1, 313, 534	94, 615	73, 689	97, 517	4, 019	1, 138, 309
1949 <sup>1</sup> .....	1, 146, 463	81, 433	64, 475	89, 023	3, 824	989, 141

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1909-28 in Agricultural Statistics, 1942, table 7, and for 1929-39 in Agricultural Statistics, 1947, table 6.

TABLE 8.—*Wheat: Production, seed used, and farm disposition, by States, crop of 1948*

State	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	Ground at mill for home use or exchanged for flour	
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
New York.....	12,452	900	765	3,985	9	7,693
New Jersey.....	1,763	214	160	793	.....	810
Pennsylvania.....	18,354	1,872	1,647	6,975	273	9,459
Ohio.....	57,648	4,754	3,993	10,377	249	43,029
Indiana.....	38,162	3,018	2,264	6,488	60	29,350
Illinois.....	41,049	2,883	2,249	2,052	26	36,722
Michigan.....	36,270	2,476	2,179	7,254	91	26,746
Wisconsin.....	2,906	204	163	1,889	24	830
Minnesota.....	18,447	2,098	1,678	2,952	41	13,776
Iowa.....	7,393	761	533	887	1	5,972
Missouri.....	39,270	2,975	2,440	7,461	53	29,316
North Dakota.....	140,958	13,007	10,666	2,114	87	128,091
South Dakota.....	50,391	4,847	4,071	2,016	20	44,284
Nebraska.....	82,988	5,155	4,382	2,490	27	76,089
Kansas.....	231,368	12,995	10,396	6,941	19	214,012
Delaware.....	986	122	104	168	6	708
Maryland.....	6,032	733	623	1,086	18	4,305
Virginia.....	9,194	760	646	2,298	690	5,560
West Virginia.....	1,658	167	139	779	78	662
North Carolina.....	6,045	768	591	1,511	714	3,229
South Carolina.....	3,332	284	241	433	418	2,240
Georgia.....	2,984	266	226	388	240	2,130
Kentucky.....	5,184	588	429	1,037	165	3,553
Tennessee.....	5,365	425	361	1,073	465	3,466
Alabama.....	232	20	15	42	27	148
Mississippi.....	308	22	15	154	5	134
Arkansas.....	525	52	43	289	2	191
Oklahoma.....	98,962	7,552	4,531	3,958	32	90,441
Texas.....	59,104	5,388	3,772	2,069	.....	53,263
Montana.....	93,718	5,738	4,590	2,812	49	86,267
Idaho.....	35,931	2,153	1,421	3,234	21	31,255
Wyoming.....	6,658	372	260	509	6	5,793
Colorado.....	64,605	3,348	2,511	2,584	20	59,490
New Mexico.....	3,487	395	276	523	4	2,684
Arizona.....	644	42	32	90	10	512
Utah.....	8,695	647	550	2,782	62	5,301
Nevada.....	709	39	27	496	1	185
Washington.....	79,268	4,105	2,874	2,220	1	74,173
Oregon.....	29,954	1,508	1,056	1,797	3	27,098
California.....	10,535	962	770	421	2	9,342
United States.....	1,313,534	94,615	73,689	97,517	4,019	1,138,309

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 9.—Wheat: Production, seed used, and farm disposition, by States, crop of 1949<sup>1</sup>

State	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	Ground at mill for home use or exchanged for flour	
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
New York.....	11,760	854	726	3,528	9	7,497
New Jersey.....	1,992	218	153	996		843
Pennsylvania.....	21,114	1,798	1,600	6,968	262	12,284
Ohio.....	60,002	4,184	3,766	10,200	249	45,787
Indiana.....	39,532	2,565	2,052	4,744	60	32,676
Illinois.....	49,379	2,249	1,799	1,975	28	45,577
Michigan.....	35,019	2,253	1,983	7,004	89	25,943
Wisconsin.....	2,520	198	158	1,638	21	703
Minnesota.....	20,058	1,822	1,458	2,006	40	16,554
Iowa.....	7,856	496	397	1,571	2	5,886
Missouri.....	35,028	2,380	2,023	6,305	55	26,645
North Dakota.....	111,439	11,446	9,386	1,672	87	100,294
South Dakota.....	34,276	4,106	3,449	1,714	20	29,093
Nebraska.....	54,408	4,468	3,798	2,176	27	48,407
Kansas.....	164,208	11,046	8,395	5,747	28	150,038
Delaware.....	1,202	110	94	168	6	934
Maryland.....	6,878	667	534	1,032	17	5,295
Virginia.....	8,732	669	535	2,358	690	5,149
West Virginia.....	1,502	148	123	751	74	554
North Carolina.....	5,785	652	567	1,331	696	3,191
South Carolina.....	1,930	224	190	309	360	1,071
Georgia.....	2,280	213	181	365	220	1,514
Kentucky.....	5,268	529	370	1,001	144	3,753
Tennessee.....	4,350	382	325	914	405	2,706
Alabama.....	180	17	13	29	23	115
Mississippi.....	264	18	13	106	4	141
Arkansas.....	390	46	37	176	2	175
Oklahoma.....	88,725	6,117	3,976	3,105	28	81,616
Texas.....	102,848	4,364	3,491	3,085		96,272
Montana.....	64,080	5,164	4,131	2,563	49	57,337
Idaho.....	38,106	1,935	1,354	2,667	21	34,064
Wyoming.....	7,799	347	243	1,014	7	6,535
Colorado.....	49,551	2,775	2,081	1,982	20	45,468
New Mexico.....	4,940	372	260	296	4	4,380
Arizona.....	700	42	32	84	10	574
Utah.....	9,440	601	511	3,021	62	5,846
Nevada.....	738	38	27	443	1	267
Washington.....	57,511	3,635	2,544	2,013	1	52,953
Oregon.....	23,203	1,275	892	1,392	1	20,918
California.....	11,470	1,010	808	574	2	10,086
United States.....	1,146,463	81,433	64,475	89,023	3,824	989,141

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



TABLE 10.—Wheat: Stocks on July 1, production, and exports, by classes, United States, 1940-49

Year beginning July—	Hard red spring			Durum <sup>2</sup>			Hard red winter		
	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1940.....	82,100	157,438	4,000	17,800	32,942	( <sup>3</sup> )	134,900	323,956	6,000
1941.....	136,200	202,129	2,000	24,900	41,403	( <sup>3</sup> )	159,900	395,509	20,000
1942.....	205,900	206,081	2,000	34,200	41,836	1,000	290,800	486,031	20,000
1943.....	204,500	226,363	6,000	26,900	34,265	1,000	317,200	363,838	20,000
1944.....	149,500	235,959	24,000	14,300	30,328	2,000	113,100	468,557	105,000
1945.....	112,100	220,849	53,000	8,100	33,285	1,000	109,400	520,843	237,000
1946.....	38,800	214,835	40,000	5,000	36,337	1,000	37,400	579,896	270,000
1947.....	30,900	219,722	49,000	8,900	44,985	10,000	27,000	739,320	236,000
1948.....	48,400	226,306	60,000	10,300	45,478	3,000	109,700	637,765	353,000
1949 <sup>4</sup> .....	79,000	173,091	-----	17,700	39,487	-----	167,600	546,338	-----

  

Year beginning July—	Soft red winter			White		
	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1940.....	24,100	207,405	3,000	20,800	92,905	24,000
1941.....	39,700	204,031	2,000	24,000	98,898	7,000
1942.....	54,300	148,723	1,000	45,600	86,710	9,000
1943.....	29,300	125,216	1,000	40,900	94,131	15,000
1944.....	18,400	203,635	10,000	21,200	121,632	5,000
1945.....	18,500	213,350	65,000	31,100	119,897	36,000
1946.....	11,400	195,711	32,000	7,500	126,267	56,000
1947.....	8,700	226,843	45,000	8,300	126,316	42,000
1948.....	15,900	257,613	40,000	11,700	146,372	50,000
1949 <sup>4</sup> .....	17,800	259,709	-----	26,200	127,838	-----

<sup>1</sup> Includes flour made from United States wheat and shipments to territories.<sup>2</sup> Includes "Red Durum."<sup>3</sup> Less than 500,000 bushels.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1935-38 in Agricultural Statistics, 1945, table 9; and for 1939 in Agricultural Statistics, 1949, table 10.

Stocks include only old crop wheat on hand July 1 of year shown and are the total of the following stocks: On farms; in interior mills, elevators and warehouses; in merchant mills; commercial stocks at terminals; and stocks owned by Commodity Credit Corporation in steel and wooden bins, and in transit. Estimated stocks on farms and in interior mills, elevators and warehouses by classes, as well as production by classes, are on the basis of the quinquennial wheat-variety surveys. Commercial stocks are reported by classes, and merchant mill stocks are broken down largely on the basis of the distribution by classes of commercial stocks. Exports and shipments by classes are estimated on the basis of "inspection for export," records of the former War Food Administration and the Department of Agriculture, and export indemnifying agencies.

TABLE 11.—Wheat and wheat flour: United States imports and exports, 1939–49

IMPORTS <sup>1</sup>

Year beginning July —	For domestic use <sup>2</sup>				Wheat for milling in bond and export <sup>2</sup>	Total
	Full-duty wheat	Wheat for feed <sup>3</sup>	Flour <sup>4</sup>	Total wheat and flour		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	56	86	335	477	9,953	10,430
1940.....	165	3,237	291	3,693	7,331	11,024
1941.....	1,700	1,785	179	3,664	11,912	15,576
1942.....	806	150	100	1,056	7,577	8,633
1943.....	<sup>5</sup> 136,013	189	157	136,359	10,952	147,311
1944.....	<sup>5</sup> 26,235	15,919	194	42,348	9,213	51,561
1945.....	1,136	767	97	2,000	11,571	13,571
1946.....	21	29	7	57	1,968	2,025
1947.....	7	117	6	130	19	149
1948.....	1,317	10	174	1,501	3,070	4,571
1949.....	1,003	1,185	119	2,307	9,621	11,928

EXPORTS <sup>1</sup>

Year beginning July—	Non-military exports			Military exports <sup>6</sup>			Total United States wheat and flour	Other flour <sup>7</sup>	Total wheat and flour
	Wheat	Flour wholly from United States wheat	Total	Wheat	Flour wholly from United States wheat	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	<sup>2</sup> 23,636	<sup>2</sup> 21,232	44,868	0	0	0	44,868	9,407	54,275
1940.....	<sup>2</sup> 10,810	<sup>2</sup> 22,812	33,622	0	0	0	33,622	6,935	40,557
1941.....	<sup>2</sup> 12,632	<sup>8</sup> 14,894	27,526	0	0	0	27,526	9,130	36,656
1942.....	<sup>2</sup> 6,555	<sup>2</sup> 19,948	26,503	0	0	0	26,503	6,900	33,403
1943.....	<sup>2</sup> 11,942	<sup>2</sup> 28,333	40,275	0	0	0	40,275	10,835	51,110
1944.....	<sup>2</sup> 19,010	<sup>2</sup> 28,304	47,314	54,358	40,233	94,591	141,905	9,398	151,303
1945.....	<sup>2</sup> 226,135	<sup>2</sup> 79,872	306,007	46,878	35,489	82,367	388,374	12,688	401,062
1946.....	<sup>9</sup> 154,014	<sup>10</sup> 166,291	320,305	44,796	28,896	73,692	393,997	6,642	400,639
1947.....	207,361	132,147	339,508	97,326	41,019	138,345	<sup>2</sup> 477,853	1,029	478,882
1948.....	232,502	103,644	336,146	142,753	23,354	166,107	<sup>2</sup> 502,253	2,745	504,998
1949.....	237,222	39,192	276,414	21,341	522	21,863	<sup>2</sup> 298,277	9,700	307,977

<sup>1</sup> Includes flour expressed in wheat equivalent.<sup>2</sup> As reported by Department of Commerce.<sup>3</sup> Classified as "unfit for human consumption" or imported for special feeding programs.<sup>4</sup> Includes some flour imported in bond for re-export, which for 1939 was 214,000 bushels and in 1940 was 170,000 bushels.<sup>5</sup> Includes wheat and wheat products used for livestock and poultry feed, imported duty-free by the Commodity Credit Corporation.<sup>6</sup> Reported by the National Military Establishments.<sup>7</sup> Usually all from imported wheat, although in some years small quantities of United States wheat were added. Reported by Department of Commerce.<sup>8</sup> 14,072,000 reported by Department of Commerce, plus 822,000 unreported exports to British Services.<sup>9</sup> 142,656,000 reported by Department of Commerce, plus 11,358,000 unreported January-June 1947 exports to Germany, financed by the United Kingdom.<sup>10</sup> 154,407,000 reported by Department of Commerce, plus 11,884,000 unreported January-June 1947 exports to Germany, financed by the United Kingdom.

Bureau of Agricultural Economics.

TABLE 12.—Wheat: Supply and distribution, United States, 1940-49

## SUPPLY

Year begin- ning July—	Old-crop carry-over						New crop	Imports <sup>2</sup>	Total supply
	Farm	Interior mill, elevator, and ware- houses	Terminal market	Merchant mill	C.C.C. wheat in transit <sup>1</sup>	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	79,572	35,312	84,187	80,650	-----	279,721	814,646	3,523	1,097,890
1941.....	86,675	73,789	142,671	81,598	-----	384,733	941,970	3,664	1,330,367
1942.....	162,722	142,366	224,441	96,837	4,409	630,775	969,381	1,057	1,601,213
1943.....	189,574	103,804	162,151	104,378	58,990	618,897	843,813	136,360	1,599,070
1944.....	103,622	30,332	82,912	67,308	32,381	316,555	1,060,111	42,347	1,419,013
1945.....	87,703	42,129	67,185	58,463	23,700	279,180	1,108,224	2,000	1,389,404
1946.....	41,606	8,376	29,917	12,838	7,351	100,088	1,153,046	57	1,253,191
1947.....	40,477	10,116	8,129	24,591	500	83,813	1,367,186	130	1,451,129
1948.....	94,511	30,645	34,065	34,240	2,530	195,991	1,313,534	1,501	1,511,026
1949 <sup>3</sup> .....	67,172	75,859	128,158	32,361	3,797	307,347	1,146,463	-----	-----
1949 <sup>3</sup> .....	67,172	76,239	128,158	32,401	3,797	307,767	1,146,463	2,307	1,456,537

DISTRIBUTION <sup>4</sup>

Year begin- ning July—	Continental United States disappearance					Milit- ary proc- ure- ment <sup>8</sup>	Exports				Ship- ments ( <sup>10</sup> )	Total disap- pearance <sup>11</sup>
	Pro- cessed for food <sup>5</sup>	Seed	Indus- trial <sup>6</sup>	Feed <sup>7</sup>	Total		Wheat	Flour <sup>9</sup>	Other prod- ucts	Total <sup>9</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	491,845	74,351	101	109,407	675,704	-----	10,810	22,809	-----	33,619	3,834	713,157
1941.....	473,266	62,490	1,614	114,166	651,536	16,133	12,632	14,884	343	27,859	4,064	699,592
1942.....	499,986	65,487	54,342	300,839	920,654	25,244	6,553	22,828	1,475	30,856	5,562	982,316
1943.....	481,876	77,351	107,527	507,570	1,174,324	62,759	11,943	28,319	2,077	42,339	3,093	1,282,515
1944.....	471,895	80,373	82,295	302,142	936,705	150,146	19,010	27,585	2,182	48,777	4,205	1,139,833
1945.....	473,518	82,011	20,971	298,535	875,035	90,884	226,136	86,793	6,726	319,655	3,742	1,289,316
1946.....	483,329	86,498	44	175,723	745,594	92,452	154,014	169,681	3,492	327,187	4,145	1,169,378
1947.....	488,752	90,746	608	183,595	763,701	148,616	207,361	124,573	6,666	338,600	4,221	1,255,138
1948.....	478,999	94,615	79	116,709	690,402	181,518	232,583	93,981	937	327,501	3,838	1,203,259
1949 <sup>3</sup> .....	484,074	81,433	75	167,271	732,853	123,805	140,219	38,120	954	179,293	3,783	1,039,739

<sup>1</sup> Includes C.C.C. stocks stored in steel and wood bins, 1942-45.<sup>2</sup> Includes full-duty wheat, wheat imported for feed, and dutiable flour in terms of wheat. Excludes wheat imported for milling in bond and export as flour; also flour free for export, which for 1940 was 170,000 bushels.<sup>3</sup> Preliminary.<sup>4</sup> Includes flour and other products in terms of wheat.<sup>5</sup> Food use is computed as follows: Total grind less exports and shipments of flour and other wheat products, less military procurement, plus estimated breakfast food produced outside the flour-milling industry, plus dutiable imports of flour.<sup>6</sup> Quantity of wheat ground into granular flour for alcohol production together with wheat grain used for that purpose.<sup>7</sup> Balancing item; roughly approximates total used as feed, including that used in commercial feeds as well as that fed on farms.<sup>8</sup> Includes procurement for both military exports and for military food use; military takings for civilian feeding in occupied areas measured at time of procurement and not at time of shipment overseas.<sup>9</sup> Exports as here used, in addition to commercial exports, include U.S.D.A. flour procurement as distinct from U.S.D.A. deliveries for export. They exclude exports under the Army Civilian Supply Program which is included in military procurement. Deliveries for export (actual exports, including those of civilian feeding in occupied areas) of wheat, flour, and other products, in million bushels, beginning with 1940 were as follows: 33.8; 27.9; 27.8; 42.6; 144.4; 390.6; 397.4; 484.9; 503.7; and 298.9.<sup>10</sup> Shipments are to Alaska, Hawaii, Puerto Rico, and Virgin Islands; partly estimated. For the war years, U.S.D.A. shipments for stockpiling in the territories have been added to reported Census totals.<sup>11</sup> Total disappearance, plus year-end carry-over, accounts for total supply.

Bureau of Agricultural Economics. Foreign trade figures from reports of the Department of Commerce and Department of Agriculture. Military procurement figures from the National Military Establishments.

TABLE 13.—*Wheat: Receipts graded by licensed inspectors, by class and grade, United States, 1944-48, and total all classes, 1939-48*

Class and year beginning July—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percent- age grad- ing No. 2 or better
Hard red spring:	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	Percent
1944.....	202,028	77,161	54,686	21,595	10,488	30,148	396,106	70
1945.....	280,898	64,070	42,487	8,362	3,172	4,265	403,254	85
1946.....	153,691	43,917	16,911	4,676	1,604	2,132	222,931	89
1947.....	154,543	43,451	33,744	13,789	1,549	2,270	249,346	79
1948.....	218,592	40,281	19,693	4,980	1,787	4,105	289,438	89
Durum:								
1944.....	3,482	6,262	4,357	3,391	3,514	4,914	25,920	37
1945.....	10,283	8,931	2,784	957	500	508	23,963	80
1946.....	14,109	12,800	1,929	449	111	190	29,588	91
1947.....	21,803	22,304	3,720	637	223	306	48,993	90
1948.....	13,109	17,115	7,100	1,897	526	386	40,133	75
Red durum:								
1944.....	879	777	350	130	50	188	2,374	70
1945.....	1,177	957	555	224	158	335	3,406	62
1946.....	1,054	612	302	124	64	145	2,301	72
1947.....	1,183	1,598	170	51	41	137	3,180	87
1948.....	2,182	1,402	168	43	15	111	3,921	92
Hard red winter:								
1944.....	262,215	143,373	63,637	32,155	10,479	11,167	523,026	78
1945.....	382,111	217,471	69,754	15,570	4,717	22,930	712,553	84
1946.....	464,783	143,918	35,714	7,930	3,770	20,849	676,964	90
1947.....	702,920	186,828	30,270	7,978	2,888	18,158	949,042	94
1948.....	418,498	280,514	79,951	21,313	11,832	36,949	849,107	82
Soft red winter:								
1944.....	20,659	32,903	6,490	1,522	421	651	62,646	86
1945.....	6,428	48,854	27,183	2,351	285	3,514	88,615	62
1946.....	15,618	39,237	10,440	1,173	239	2,408	69,115	79
1947.....	8,278	38,413	26,476	8,267	3,313	10,883	95,630	49
1948.....	6,372	36,653	46,691	24,497	4,432	6,085	124,730	34
White:								
1944.....	44,752	21,454	1,841	737	368	484	69,636	95
1945.....	37,409	50,515	11,697	1,447	256	920	102,244	86
1946.....	65,329	23,392	3,316	577	154	740	93,508	95
1947.....	43,100	35,526	7,580	815	213	716	87,950	89
1948.....	45,304	44,467	12,699	1,598	556	1,564	106,188	85
Mixed:								
1944.....	8,031	8,966	3,604	1,242	701	907	23,451	72
1945.....	5,888	10,604	7,665	1,675	432	1,545	27,809	59
1946.....	10,253	11,998	3,139	972	348	1,324	28,034	79
1947.....	16,610	13,371	6,400	1,470	465	937	39,253	76
1948.....	10,750	25,517	15,333	3,492	939	2,401	58,432	62
Total:								
1939.....	214,590	222,058	131,722	27,470	6,585	10,995	613,420	71
1940.....	297,491	201,855	94,944	31,307	12,300	14,380	652,277	76
1941.....	236,623	223,161	122,776	44,666	14,774	23,751	665,751	69
1942.....	395,830	284,876	105,778	24,434	8,808	22,799	842,525	81
1943.....	698,622	263,225	88,279	23,523	9,041	25,539	1,108,229	87
1944.....	542,046	290,896	134,965	60,772	26,021	48,459	1,103,159	76
1945.....	724,194	401,402	162,125	30,586	9,520	34,017	1,361,844	82
1946.....	724,837	275,874	71,751	15,901	6,290	27,788	1,122,441	89
1947.....	948,437	341,491	108,360	33,007	8,692	33,407	1,473,394	88
1948.....	714,807	445,949	181,635	57,820	20,137	51,601	1,471,949	79

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1939-43 and 1,650 bushels for 1944-48.

TABLE 14.—Wheat and wheat flour: Average price, selected markets and grades, 1940-49

Year beginning July—	Wheat, per bushel											Flour, per 100 pounds	
	Portland, Oregon, No. 1 Soft White	Minneapolis, No. 1 Dark Northern Spring	Minneapolis, No. 2 Hard Amber Dumum	St. Louis, No. 2 Red Winter	Kansas City, No. 2 Hard Winter	Chicago, No. 2 Hard Winter	New York, No. 2 Hard Winter	6 markets, all classes and grades <sup>1</sup>	Winnipeg, Cana- dian, No. 2 North- ern Manitoba	Buenos Aires, Argentina No. 2 semihard	Sydney, Aus- tralian milling	Kansas City, Hard Winter wheat, short patents	Minneapolis, Spring wheat, standard patents
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Dollars	Dollars
1940.....	76	90	92	82	82	85	106	84.3	65	57	64	2.74	2.41
1941.....	96	110	116	110	112	109	139	109.3	66	55	64	3.32	3.03
1942.....	118	129	131	134	126	126	154	126.0	81	55	64	3.60	3.13
1943.....	145	155	156	167	145	151	182	152.6	<sup>2</sup> 119	61	<sup>3</sup> 74	4.26	3.31
1944.....	151	159	164	158	156	160	189	157.1	130	72	97	4.21	3.34 <sup>4</sup>
1945.....	163	171	175	168	160	167	199	165.9	138	124	160	4.33	3.34
1946.....	202	234	232	216	209	210	250	223.6	<sup>4</sup> 232	-----	218	6.21	5.62
1947.....	250	288	289	245	<sup>5</sup> 252	247	283	275.7	286	-----	307	6.96	6.65
1948.....	220	237	235	219	<sup>5</sup> 219	225	250	227.1	227	-----	<sup>6</sup> 252	6.17	5.55
1949.....	219	237	230	191	<sup>5</sup> 216	202	250	223.8	200	-----	-----	6.56	5.63

<sup>1</sup> Markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.<sup>2</sup> Export price to the United States and neutral countries from Oct. 19, 1943, to July 31, 1946.<sup>3</sup> Beginning July 1943, export price, f.o.b. port, bulk.<sup>4</sup> August 1946-July 1949, commercial sales to countries other than the United Kingdom.<sup>5</sup> No. 2 Hard and Dark Hard Winter.<sup>6</sup> Basic export selling price of the Australian Wheat Board.<sup>7</sup> Beginning August 1949, export price for sales outside of the International Wheat Agreement.

Bureau of Agricultural Economics. Compiled from following sources: Northwestern Daily Produce News; Bureau of Labor Statistics Wholesale Price Bulletins; reports of the Production and Marketing Administration; New York Journal of Commerce; Broomhall's Yearbook and Corn Trade News; Canadian Grain Statistics; Revista de la Bolsa de Cereales, La Nacion, Buenos Aires, weeklies; Statistical Register of New South Wales, annual; Summary of the Australian Wheat Situation, and from trade papers published at various markets. Wheat prices at Minneapolis, St. Louis, Kansas City, and Chicago are weighted averages. Foreign prices are compiled in original currencies and units. Prices converted to cents per bushel of 60 pounds at current monthly rates of exchange as reported by the Federal Reserve Board. For earlier prices, see the 1928, 1930, and 1934 Yearbooks, tables 22, 25, and 18, and Agricultural Statistics, 1937 and 1939, tables 19 and 24.

TABLE 15.—Wheat futures: Volume of trading by contract markets, 1940-49

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minne- apolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Mil- waukee Grain Exchange	Seattle Grain Exchange	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1940.....	3,736.2	116.9	390.8	497.9	35.7	3.6	2.7	<sup>1</sup> 4,783.9
1941.....	2,810.2	95.7	497.4	377.7	42.6	2.6	4.7	<sup>1</sup> 3,831.0
1942.....	1,754.3	60.0	503.5	346.1	34.5	1.8	3.0	2,703.2
1943.....	1,761.9	38.1	482.8	332.0	24.2	1.6	1.1	2,641.7
1944.....	1,872.2	41.5	244.1	262.6	1.6	1.7	1.3	2,425.0
1945.....	1,155.2	21.1	92.3	202.5	.1	.6	2.2	1,474.0
1946.....	1,856.3	82.4	107.0	274.6	( <sup>2</sup> )	1.5	.6	2,322.4
1947.....	4,385.0	141.6	424.9	811.0	-----	1.2	4.4	5,768.1
1948.....	3,294.1	109.4	453.6	652.6	-----	1.2	4.0	4,514.9
1949.....	3,244.8	89.8	369.1	489.6	-----	1.3	7.4	4,202.0

<sup>1</sup> Includes 0.1 million bushels for the Portland Grain Exchange.<sup>2</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 16.—Wheat futures: Annual average of month-end open contracts, by contract markets, 1940-49

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Milwaukee Grain Exchange	Seattle Grain Exchange	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1940-----	52.9	0.5	9.0	15.4	1.1	0.1	0.2	79.2
1941-----	42.2	.4	15.6	11.0	1.8	.1	.3	71.4
1942-----	36.7	.4	15.5	13.1	1.1	.1	.3	67.2
1943-----	40.0	.4	12.2	11.9	.9	(2)	.1	65.5
1944-----	44.6	.4	5.4	9.3	.1	(2)	.1	59.9
1945-----	38.7	.3	2.8	9.5	(2)	(2)	.1	51.4
1946-----	27.7	.3	2.3	7.8	(2)	(2)	(2)	38.1
1947-----	69.4	.6	7.1	16.6	-----	(2)	.3	94.0
1948-----	61.4	.6	7.4	20.9	-----	(2)	.3	90.6
1949-----	62.8	.5	8.4	12.9	-----	(2)	.5	85.1

<sup>1</sup> Includes open contracts of less than 50,000 bushels for the Portland Grain Exchange for the years 1940 through 1942.

<sup>2</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 17.—Wheat futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1940-49

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	Cents			Cents		
1940-----	109½	June 27-----	1941 Dec..	66½	Aug. 16-----	1940 Sept.
1941-----	137½	Jan. 27-----	1942 Sept..	100½	July 21-----	1941 July
1942-----	153¾	Mar. 4-----	1943 Dec..	114½	July 20-----	1942 July
1943-----	173¾	(1)	1944 May..	142½	Aug. 16-----	1943 Sept.
1944-----	177¾	Mar. 7 and 8....	1945 Mar..	136	Sept. 7-----	1945 July
1945-----	198½	(2)	(3)	150½	Aug. 21-----	1946 July
1946-----	305	Mar. 18-----	1947 Mar..	169¾	Nov. 30-----	1947 July
1947-----	320¼	Nov. 28-----	1947 Dec..	207½	Aug. 11-----	1948 July
1948-----	243¼	Dec. 22-----	1948 Dec..	178¼	Feb. 9-----	1949 July
1949-----	236¾	May 16-----	1950 May..	183½	Sept. 12-----	1950 July

<sup>1</sup> Jan. 10, Mar. 24 to May 13 inclusive, and May 17, 20, and 22.

<sup>2</sup> On several dates in May and June.

<sup>3</sup> 1946 July, Aug., Sept., Nov., Dec., and 1947 Mar.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-39 in Agricultural Statistics, 1944, table 16. Highest and lowest prices during the period July 1, 1909, through June 30, 1950: High, \$3.25, May future, May 11, 1917; low \$0.41½, December future, Nov. 25, 1932.

TABLE 18.—*Rye: Acreage, yield, production, value, and foreign trade, United States, 1929-49*

Year	Acreage seeded for all purposes, in preceding fall <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 2 rye at Minneapolis, year beginning July <sup>2</sup>	Foreign trade, including flour and malt, year beginning July <sup>3</sup>		
								Domestic exports <sup>4</sup>	Imports for consumption <sup>5</sup>	Net exports or imports (—) <sup>6</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929.....		3,093	11.3	34,303						
1929.....		3,138	11.3	35,411	85.7	30,353	90	2,600	1	2,599
1930.....		3,646	12.4	45,383	44.4	20,165	51	227	88	139
1931.....	5,345	3,159	10.4	32,777	34.1	11,175	42	909	1	908
1932.....	5,401	3,350	11.7	39,099	28.0	10,952	41	318	14	304
1933.....	4,714	2,405	8.6	20,573	62.7	12,907	69	21	12,063	-12,042
1934.....		1,914	8.5	16,234						
1934.....	5,453	1,921	8.5	16,285	72.0	11,731	81	(7)	11,379	-11,379
1935.....	6,210	4,066	14.0	56,938	39.8	22,677	50	9	2,334	-2,325
1936.....	6,446	2,694	9.0	24,239	81.2	19,686	97	248	4,018	-3,770
1937.....	7,235	3,825	12.8	48,862	68.6	33,517	74	6,578	14	6,564
1938.....	6,654	4,087	13.7	55,994	33.8	18,928	44	784	1	783
1939.....		3,556	10.1	35,844						
1939.....	7,206	3,822	10.1	38,562	43.9	16,935	56	732	(8)	732
1940.....	5,514	3,204	12.4	39,725	42.0	16,679	51	245	1,392	-1,147
1941.....	6,142	3,573	12.3	43,878	54.2	23,766	65	23	8,758	-8,735
1942.....	6,371	3,792	14.0	52,929	60.3	31,934	73	15	1,490	-1,475
1943.....	5,311	2,652	10.8	28,680	98.2	28,173	108	110	8,336	-8,226
1944.....		2,023	10.6	21,349						
1944.....	4,415	2,132	10.6	22,525	109.0	24,597	122	1,747	4,146	-2,399
1945.....	4,159	1,856	12.9	23,952	135.0	32,430	172	6,228	1,956	4,232
1946.....	3,396	1,607	11.7	18,879	192.0	36,169	255	573	1,641	-1,068
1947.....	3,704	2,010	12.9	25,975	226.0	58,731	265	2,247	41	2,206
1948.....	3,750	2,096	12.6	26,449	146.0	38,622	157	5,431	6,794	-1,363
1949 <sup>7</sup> .....	3,291	1,556	12.0	18,697	122.0	22,741	141			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes. Includes rye sown in the spring of year shown.

<sup>2</sup> Prices are from Minneapolis Daily Market Record and are averages of daily prices weighted by carlot sales.

<sup>3</sup> Compiled from reports of the Department of Commerce. Rye flour converted to grain equivalent on the basis of 6 bushels of grain to 1 barrel of flour through 1943; beginning 1944, 4.6 bushels of grain to 1 barrel of flour. Rye malt converted to grain on the basis of 1.1 bushels of grain to 1 bushel of malt through 1942; beginning 1943, 1 bushel of grain to 1 bushel of malt.

<sup>4</sup> Includes rye flour, grain equivalent, 1929-32. Rye malt not separately reported. The period 1942-48 does not include rye and flour used by military services for civilian relief abroad, estimated in thousand of bushels as follows: 435; 484; 1,397; 944; 0; 406; and 0. These exports are included in table 24.

<sup>5</sup> Includes rye flour from 1929 to date and rye malt from 1930 to date.

<sup>6</sup> Domestic exports minus imports for consumption, with net imports shown by a minus sign.

<sup>7</sup> Less than 500 bushels.

<sup>8</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 19.—*Rye: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49<sup>1</sup>*

Continent and country	Acreage <sup>2</sup>					Yield per acre <sup>4</sup>					Production				
	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	816	911	1,156	2,103	1,182	11.3	14.5	11.4	12.0	8.5	9,191	13,222	13,217	25,340	10,011
United States.....	3,699	3,071	2,010	2,096	1,558	12.1	12.2	12.9	12.6	12.0	44,917	37,547	25,975	26,449	18,697
Total.....	4,515	3,982	3,166	4,199	2,740						54,108	50,769	39,192	51,789	28,708
Europe:															
Austria.....	881	672	596	640	675	23.4	19.9	19.1	20.3	23.7	20,611	13,400	11,400	13,000	16,000
Belgium.....	401	361	230	235	235	37.4	36.5	37.8	37.0	43.1	15,016	13,160	8,700	8,700	10,138
Bulgaria.....	635	453	746			17.6	11.9				11,150	5,372			
Czechoslovakia.....	2,374	2,140	2,100	1,796	1,790	26.1	23.8	20.5	24.5	28.5	62,078	51,000	43,000	44,000	51,000
Denmark.....	354	467	259	413	481	28.2	32.2	27.2	38.1	38.4	9,973	15,032	7,056	15,747	18,464
Finland.....	500	426	400	375	370	24.6	18.7	21.0	21.9	21.6	12,300	7,946	8,400	8,200	8,000
France.....	1,613	1,145	1,170	1,460	1,320	18.6	16.3	15.1	18.2	18.9	29,993	18,700	17,700	26,500	25,000
Germany.....	7,035					29.1					205,000				
Greece.....	163	140	158	140	110	13.8	11.4	10.8	14.6	14.5	2,244	1,590	1,700	2,047	1,600
Hungary.....	1,585	1,522	1,210			18.5	18.3				29,354	27,912	17,500		
Italy.....	256	251	250	260	260	21.8	21.1	17.2	19.2	19.2	5,580	5,306	4,300	5,000	5,000
Luxembourg.....	18	21	13	18	17	25.7	22.3	19.8	25.5	36.8	462	468	257	459	625
Netherlands.....	560	675	448	454	468	36.4	29.7	27.9	33.1	43.5	20,394	20,031	12,506	15,046	20,347
Norway.....	13	9	3	3	3	31.2	28.4	26.3	39.0	32.7	405	256	79	117	98
Poland.....	13,425					21.2					284,000				
Portugal.....	620		704	692	691	8.9		8.5	7.0	7.6	5,500		5,956	4,867	5,237
Rumania.....	640	530				15.6	13.4				10,000	7,100			
Spain.....	<sup>5</sup> 1,415	1,550	1,550	1,550	1,600	<sup>5</sup> 13.6	11.0	11.0	11.6	12.3	<sup>5</sup> 19,205	17,000	17,000	18,000	19,700
Sweden.....	495	518	285	395	335	30.0	26.7	19.7	31.1	32.9	14,828	13,816	5,614	12,280	11,023
Switzerland.....	38	34	31	30	29	33.2	35.0	31.5	34.9	33.8	1,260	1,190	976	1,047	980
United Kingdom.....	16	73	35	61	64	24.9	29.0	25.1	30.8	33.1	398	2,120	880	1,880	2,120
Yugoslavia.....	633	595				13.4	12.9				8,500	7,675			
Estimated total <sup>6</sup> .....	33,680	31,020	27,550	30,100	29,910						768,000	660,000	490,000	660,000	710,000
U.S.S.R. (Europe and Asia).....	60,800		73,000	73,000	75,500	14.6		13.0	12.7	12.3	885,000		950,000	930,000	925,000



Asia:															
Turkey.....	939	1,090	1,046	1,070	1,044	15.2	13.9	14.3	14.5	10.9	14,301	15,117	15,000	15,500	11,392
South America:															
Argentina.....	1,078	938	1,731	1,000	1,000	9.1	10.7	11.9	9.8	9.5	9,771	10,061	20,515	9,842	9,500
Africa:															
Union of South Africa.....	7 117	140	200	-----	-----	7 6.8	5.9	5.0	-----	-----	794	830	1,000	879	-----
Estimated world total <sup>6</sup>	101,280	94,380	106,910	109,780	110,610	-----	-----	-----	-----	-----	1,734,000	1,500,000	1,520,000	1,670,000	1,690,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1949 is combined with preliminary forecasts for the Southern Hemisphere harvests, which began late in 1949 and ended early in 1950.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere, revised preliminary forecasts.

<sup>4</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>5</sup> Figure for 1935 only.

<sup>6</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>7</sup> Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 20.—*Rye: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price <sup>3</sup> for crop of—		
	Crops of 1938-47	Crop of 1948	Crop of 1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
New York.....	66	73	90	16	18	18	275	342	342	112	166	137
New Jersey.....	95	85	88	16	13	13	265	228	228	116	155	130
Pennsylvania.....	62	21	21	46	16	13	668	232	202	107	161	126
North Atlantic....	224	179	199	77	47	44	1,208	802	772	110	161	132
Ohio.....	104	67	67	52	20	15	869	360	270	103	167	132
Indiana.....	208	150	140	100	64	58	1,320	928	812	99	165	127
Illinois.....	131	113	119	60	53	50	768	822	750	98	173	128
Michigan.....	124	132	159	71	80	60	981	1,280	930	102	145	121
Wisconsin.....	201	112	119	147	92	92	1,705	1,104	1,196	104	149	124
Minnesota.....	307	278	200	251	239	170	3,512	3,585	2,550	101	142	120
Iowa.....	79	36	44	32	17	12	494	264	168	98	153	124
Missouri.....	125	105	117	41	35	35	493	525	490	111	172	128
North Dakota.....	679	461	263	543	401	229	6,546	4,812	2,748	96	130	112
South Dakota.....	734	476	309	521	392	247	6,464	4,704	2,470	96	134	114
Nebraska.....	645	352	303	365	225	189	4,017	2,250	1,606	94	140	112
Kansas.....	180	90	65	82	34	26	878	391	273	95	151	112
North Central....	3,518	2,372	1,905	2,265	1,652	1,183	28,048	21,025	14,263	97.0	142	118
Delaware.....	26	33	29	14	20	15	186	230	180	117	151	134
Maryland.....	56	58	65	18	21	19	260	273	266	115	158	137
Virginia.....	132	122	133	39	32	25	495	480	375	120	166	139
West Virginia.....	12	6	6	5	2	2	60	26	26	113	173	142
North Carolina.....	174	117	116	40	22	19	407	275	200	151	229	201
South Carolina.....	68	40	39	18	9	9	172	76	86	165	256	210
Georgia.....	54	26	25	16	6	5	124	60	50	165	258	230
South Atlantic....	521	402	413	150	112	94	1,704	1,420	1,183	133	183	157
Kentucky.....	119	130	136	24	28	27	314	420	378	118	198	143
Tennessee.....	152	100	105	37	30	20	363	330	210	131	204	154
Oklahoma.....	230	108	93	86	36	33	792	342	297	95	164	112
Texas.....	41	84	100	19	30	38	177	210	304	94	161	101
South Central....	542	422	434	165	124	118	1,647	1,302	1,189	107	185	126
Montana.....	61	45	30	37	30	18	457	405	162	93	117	97
Idaho.....	15	10	10	6	4	3	81	52	45	98	138	118
Wyoming.....	36	27	27	17	7	7	178	49	84	93	123	100
Colorado.....	128	58	46	74	35	28	752	280	350	91	125	100
New Mexico.....	12	7	6	8	5	4	81	55	52	90	164	127
Utah.....	15	13	15	7	7	8	74	70	72	104	169	154
Washington.....	52	48	42	20	18	12	241	234	120	101	157	135
Oregon.....	136	135	135	36	38	27	500	551	297	101	135	127
California.....	27	32	29	12	17	12	136	204	108	103	145	136
Western.....	482	375	340	216	161	119	2,501	1,900	1,290	95.0	135	117
United States....	5,287	3,750	3,291	2,874	2,096	1,558	35,109	26,449	18,697	99.4	146	122

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye.

<sup>2</sup> Preliminary.

<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

Bureau of Agricultural Economics.

TABLE 21.—*Rye: Stocks on and off farms, United States, 1940-49*

Year beginning October—	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	31,500	24,500	19,000	13,100	.....	.....	.....	.....
1941.....	35,000	22,400	16,400	12,100	.....	.....	.....	.....
1942.....	42,000	30,500	21,800	15,300	.....	.....	.....	.....
1943.....	21,500	13,500	8,325	5,000	31,475	28,608	28,494	31,814
1944.....	13,959	9,250	5,668	3,030	19,609	16,340	13,790	25,985
1945.....	12,961	6,550	2,989	1,150	8,033	6,765	4,492	9,136
1946.....	9,829	4,000	1,700	600	3,339	4,504	3,383	1,227
1947.....	13,475	7,200	4,436	1,700	8,152	7,234	3,700	1,746
1948.....	14,242	8,749	5,495	3,313	9,749	8,541	4,410	1,653
1949 <sup>3</sup> .....	8,692	4,807	3,330	1,973	9,405	12,638	9,854	4,991
								7,557

<sup>1</sup> Includes old crop only. <sup>2</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals. <sup>3</sup> Preliminary.  
Bureau of Agricultural Economics. Data for 1933-39, in *Agricultural Statistics*, 1945, table 25.

TABLE 22.—*Rye: Production, seed used, and farm disposition, United States, 1909-49*

Crop of—	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	Ground at mill for home use or ex- changed for flour	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1909.....	30,083	4,622	2,517	5,588	583	21,395
1910.....	29,098	4,928	2,676	5,599	587	20,236
1911.....	31,396	5,362	2,951	6,398	604	21,443
1912.....	37,911	6,003	3,116	6,496	607	27,692
1913.....	40,390	6,137	3,343	7,823	652	28,572
1914.....	42,120	6,551	3,467	7,003	632	31,018
1915.....	46,752	6,814	3,732	7,196	649	35,175
1916.....	43,089	9,195	4,290	7,870	627	30,302
1917.....	60,381	11,724	5,033	8,807	683	44,858
1918.....	83,586	12,761	7,139	10,960	791	64,696
1919.....	78,849	9,004	5,808	11,092	774	61,175
1920.....	62,113	9,066	5,177	7,903	605	48,428
1921.....	61,205	12,191	6,230	8,886	562	45,527
1922.....	101,142	9,566	6,081	12,607	627	81,827
1923.....	56,091	7,484	4,709	11,986	480	38,916
1924.....	58,470	7,352	4,158	7,301	349	46,662
1925.....	42,418	6,980	3,937	4,822	335	33,324
1926.....	34,968	6,616	3,707	6,260	314	24,687
1927.....	51,196	6,767	3,677	5,954	279	41,286
1928.....	38,055	6,362	3,467	5,989	259	28,340
1929.....	35,411	7,050	3,436	9,276	250	22,449
1930.....	45,383	7,740	3,796	15,688	261	22,638
1931.....	32,777	7,813	3,463	14,624	288	14,402
1932.....	39,090	6,854	3,462	16,890	296	18,451
1933.....	20,573	7,585	2,695	7,829	259	9,790
1934.....	16,285	8,616	2,102	6,427	236	7,520
1935.....	56,938	8,701	4,081	21,594	339	30,924
1936.....	24,239	9,990	3,080	10,216	227	10,716
1937.....	48,862	9,105	4,119	17,493	302	26,948
1938.....	55,984	9,710	4,440	21,522	284	29,738
1939.....	38,562	7,378	3,662	16,111	189	18,600
1940.....	39,725	8,079	3,394	16,242	163	19,926
1941.....	43,878	8,283	3,650	16,528	155	23,545
1942.....	52,929	6,841	3,294	20,673	168	28,794
1943.....	28,680	5,753	2,517	13,729	96	12,338
1944.....	22,525	5,429	2,166	8,602	64	11,693
1945.....	23,952	4,454	1,894	6,354	52	15,652
1946.....	18,879	4,897	1,829	3,823	39	13,188
1947.....	25,975	5,076	2,148	4,244	35	19,548
1948.....	26,449	4,435	1,980	5,144	32	19,293
1949 <sup>1</sup> .....	18,697	4,930	1,810	3,741	32	13,114

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 23.—*Rye: Production, seed used, and farm disposition, by States, crop of 1948*

State	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	Ground at mill for home use or exchanged for flour	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	342	162	40	106	1	195
New Jersey.....	228	158	35	41	—	152
Pennsylvania.....	232	34	20	190	2	20
Ohio.....	360	94	23	162	1	174
Indiana.....	928	182	64	288	—	576
Illinois.....	822	167	50	164	—	608
Michigan.....	1,280	238	93	550	—	637
Wisconsin.....	1,104	190	114	607	8	3,158
Minnesota.....	3,585	340	245	179	3	209
Iowa.....	264	70	15	40	—	336
Missouri.....	525	164	41	147	1	4,447
North Dakota.....	4,812	342	267	96	2	4,045
South Dakota.....	4,704	402	281	376	2	1,415
Nebraska.....	2,250	364	182	652	1	219
Kansas.....	391	72	27	145	—	176
Delaware.....	230	44	26	28	—	83
Maryland.....	273	104	38	150	2	257
Virginia.....	480	186	58	163	2	3
West Virginia.....	26	9	2	20	1	136
North Carolina.....	275	139	39	96	4	45
South Carolina.....	76	47	11	20	—	42
Georgia.....	60	30	7	11	—	298
Kentucky.....	420	190	38	96	—	196
Tennessee.....	330	136	38	86	—	217
Oklahoma.....	342	102	39	86	—	120
Texas.....	210	100	38	52	—	308
Montana.....	405	30	16	81	—	27
Idaho.....	42	12	4	21	—	4
Wyoming.....	49	24	6	39	—	173
Colorado.....	280	41	23	84	—	41
New Mexico.....	55	5	3	11	—	25
Utah.....	70	21	9	35	1	160
Washington.....	234	50	18	66	—	322
Oregon.....	551	148	52	176	1	94
California.....	204	38	18	92	—	19,293
United States.....	26,449	4,435	1,980	5,144	32	

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 24.—*Rye: Supply and distribution, United States, 1940-49*

Year beginning July—	Supply				Domestic disappearance					Exports <sup>3</sup>
	Stocks, <sup>1</sup>	Production	Imports	Total	Food <sup>2</sup>	Feed	Seed	Spirits and alcohol	Total	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	19,606	39,725	1,392	60,723	7,134	19,847	8,079	6,679	41,739	245
1941.....	18,739	43,878	8,758	71,375	7,824	19,250	8,283	6,861	42,218	23
1942.....	29,134	52,929	1,490	83,553	8,335	27,229	6,841	2,089	44,494	450
1943.....	47,114	28,680	8,336	84,130	8,734	33,554	5,753	4,510	52,551	594
1944.....	30,985	22,525	4,146	57,656	7,777	18,777	5,429	10,363	42,346	3,144
1945.....	12,166	23,952	1,996	38,114	6,555	9,203	4,454	8,316	28,628	7,109
1946.....	2,377	18,879	1,641	22,897	4,497	6,349	4,897	4,235	19,978	573
1947.....	2,346	25,975	41	28,362	4,556	6,135	5,076	6,589	22,356	2,653
1948.....	3,353	26,449	6,794	36,596	4,712	6,998	4,435	6,715	22,860	5,431
1949 <sup>4</sup> .....	8,305	18,697	8,907	35,909	4,683	6,092	4,930	4,864	20,569	5,810

<sup>1</sup> 1940-42, farm and commercial stocks, only; beginning in 1943, includes interior mill and elevator stocks. <sup>2</sup> 1940-44, calculated from trade sources; 1945-48 from Bureau of the Census. <sup>3</sup> 1942-49 includes rye and flour (rye equivalent) used by military services for civilian relief abroad, estimated in thousand bushels as follows: 435, 484, 1,397, 944, 0, 406, 0, and 0. These exports are not included in table 18. <sup>4</sup> Preliminary.

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TABLE 25.—*Rye: Production, seed used, and farm disposition, by States, crop of 1949<sup>1</sup>*

State	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	Ground at mill for home use or exchanged for flour	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	342	180	45	99	1	197
New Jersey.....	228	160	32	23	—	173
Pennsylvania.....	202	37	18	170	2	12
Ohio.....	270	134	19	86	1	164
Indiana.....	812	237	76	146	—	590
Illinois.....	750	175	44	150	—	556
Michigan.....	930	270	68	326	—	536
Wisconsin.....	1,196	190	114	593	8	476
Minnesota.....	2,550	316	202	128	3	2,217
Iowa.....	168	53	11	67	—	90
Missouri.....	490	189	47	162	1	280
North Dakota.....	2,748	363	218	27	2	2,501
South Dakota.....	2,470	563	282	148	2	2,038
Nebraska.....	1,606	407	163	434	1	1,008
Kansas.....	273	108	27	128	—	118
Delaware.....	180	48	24	20	—	136
Maryland.....	266	98	35	106	2	123
Virginia.....	375	168	49	131	2	193
West Virginia.....	26	9	2	20	1	3
North Carolina.....	200	133	32	70	4	94
South Carolina.....	86	42	11	15	—	60
Georgia.....	50	31	7	10	—	33
Kentucky.....	378	181	33	64	—	281
Tennessee.....	210	122	27	42	—	141
Oklahoma.....	297	154	46	83	—	168
Texas.....	304	120	46	61	—	197
Montana.....	162	32	12	49	—	101
Idaho.....	45	12	4	14	—	27
Wyoming.....	84	24	6	52	—	26
Colorado.....	350	63	23	105	—	222
New Mexico.....	52	5	2	10	—	40
Utah.....	72	22	10	36	1	25
Washington.....	120	76	17	—	—	85
Oregon.....	297	170	42	89	1	165
California.....	108	38	16	54	—	38
United States.....	18,697	4,930	1,810	3,741	32	13,114

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 26.—*Rye: Receipts graded by licensed inspectors, by grade, United States 1939-48*

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1939.....	6,780	14,288	5,818	789	711	28,386	74
1940.....	5,631	12,633	1,470	270	744	20,648	88
1941.....	8,682	16,128	9,160	3,605	1,589	39,164	63
1942.....	3,418	17,289	9,890	5,604	1,905	38,106	54
1943.....	3,218	17,591	8,962	3,012	1,584	34,367	61
1944.....	3,260	11,982	4,589	2,602	1,545	23,978	64
1945.....	5,689	15,974	3,285	811	1,129	26,888	81
1946.....	4,742	5,807	2,134	200	313	13,196	80
1947.....	9,981	5,957	1,473	208	458	18,077	88
1948.....	10,808	12,856	6,272	1,297	1,135	32,368	73

Production and Marketing Administration.

The data which are originally in carloads have been converted to bushels on the basis of 1,000 bushels per car for the years 1939-43 and 1,650 bushels for the years 1944-48.

TABLE 27.—*Rye futures: Volume of trading by contract markets and annual average of month-end open contracts on all markets combined, 1940-49*

Year beginning July—	Volume of trading					Average of open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1940.....	206.1	0.8	58.2	1.1	266.2	17.1
1941.....	708.6	4.8	74.8	1.8	790.0	25.2
1942.....	1,320.2	43.1	104.6	1.8	1,469.7	39.1
1943.....	2,698.7	169.6	160.3	2.5	3,031.1	46.5
1944.....	3,631.1	254.8	89.1	3.6	3,978.6	46.7
1945 <sup>1</sup> .....	1,671.9	250.7	38.6	2.3	1,963.5	20.6
1946.....	( <sup>1</sup> )	( <sup>1</sup> )	<sup>2</sup> 0.2	( <sup>1</sup> )	.2	<sup>3</sup> .1
1947.....	( <sup>1</sup> )	( <sup>1</sup> )	21.1	( <sup>1</sup> )	21.1	.8
1948 <sup>4</sup> .....	88.0	.5	36.8	.1	125.4	4.1
1949.....	540.3	1.8	39.1	.4	581.6	18.8

<sup>1</sup> Trading suspended June 13, 1946.<sup>2</sup> Trading resumed on the Minneapolis Grain Exchange, June 16, 1947.<sup>3</sup> One month only.<sup>4</sup> Trading resumed on the Chicago Board of Trade and the Chicago Open Board of Trade, July 12, 1948, and on the Milwaukee Grain Exchange, July 15, 1948.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 28.—*Rye futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1940-49*

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1940.....	<i>Cents</i> 62½	June 23.....	1941 Dec.....	<i>Cents</i> 36½	Aug. 19.....	1940 Sept.
1941.....	98	Jan. 27.....	1942 Sept.....	51½	July 5.....	1941 July
1942.....	106½	June 30.....	1943 Dec.....	59¾	Nov. 4.....	1942 Dec.
1943.....	134½	Jan. 7.....	1944 May.....	94½	Aug. 16.....	1943 Sept.
1944.....	159¾	June 19.....	1945 July.....	88¾	Sept. 7.....	1945 July
1945.....	286¼	May 7.....	1946 May.....	118½	Aug. 21.....	1946 July
1946.....	( <sup>2</sup> )	.....	.....	( <sup>2</sup> )	.....	.....
1947.....	( <sup>2</sup> )	.....	.....	( <sup>2</sup> )	.....	.....
1948.....	196	July 12.....	1948 Dec.....	115	Feb. 9.....	1949 May
1949.....	163	July 16.....	1949 May.....		Feb. 6.....	1950 May
			1949 Dec.....	125½		

<sup>1</sup> Old contract.<sup>2</sup> Trading suspended June 13, 1946, resumed on July 12, 1948.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-39 in Agricultural Statistics, 1944, table 24. Highest and lowest prices during the period July 1, 1914, through June 30, 1950: High, \$2.86¼, May future, May 7, 1946; low, \$.26¼, December future, Nov. 1 and 3, 1932.

TABLE 29.—*Rice, rough: Acreage, yield, production, and value, United States, 1929-49*

Year	Acreage harvested	Yield per acre		Production		Season average price per bushel received by farmers	Farm value
		Old basis	New basis	Old basis	New basis		
	1,000 acres	Bushels	Pounds	1,000 bushels	1,000 bags <sup>1</sup>	Cents	1,000 dollars
1929.....	860	46.0	2,069	39,534	17,790	99.8	39,474
1930.....	966	46.5	2,093	44,929	20,218	78.4	35,214
1931.....	965	46.2	2,080	44,613	20,076	48.5	21,642
1932.....	874	47.6	2,143	41,619	18,729	41.8	17,416
1933.....	798	47.2	2,123	37,651	16,943	77.7	29,248
1934.....	812	48.1	2,164	39,047	17,571	79.0	30,854
1935.....	817	48.3	2,173	39,452	17,753	72.2	28,469
1936.....	981	50.8	2,285	49,820	22,419	83.4	41,567
1937.....	1,099	48.6	2,187	53,422	24,040	65.8	35,168
1938.....	1,076	48.8	2,196	52,506	23,628	64.0	33,630
1939.....	1,045	51.7	2,328	54,062	24,328	72.8	39,348
1940.....	1,069	50.9	2,291	54,433	24,495	81.2	44,208
1941.....	1,214	42.3	1,902	51,323	23,095	136.0	69,600
1942.....	1,457	44.4	1,996	64,627	29,082	163.0	105,082
1943.....	1,472	44.2	1,988	65,031	29,264	178.0	116,024
1944.....	1,480	46.5	2,093	68,830	30,974	177.0	121,573
1945.....	1,494	45.6	2,053	68,150	30,668	179.0	122,190
1946.....	1,574	45.9	2,065	72,216	32,497	225.0	162,726
1947.....	1,693	46.2	2,080	78,259	35,217	269.0	210,368
1948.....	1,781	47.8	2,149	85,056	38,275	<sup>2</sup> 219.0	186,661
1949 <sup>3</sup> .....	1,821	49.0	2,203	89,141	40,113	<sup>2</sup> 187.0	166,399

<sup>1</sup> Bags of 100 pounds.<sup>2</sup> Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per bushel.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1899-1928 in Agricultural Statistics, 1942, table 42.

TABLE 30.—*Rice, rough: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage planted			Acreage harvested			Production					Price per bushel for crop of-		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Old basis			New basis		Average 1938-47	1948 <sup>2</sup>	1949 <sup>1, 2</sup>
							Average 1938-47	1948	1949 <sup>1</sup>	1948	1949 <sup>1</sup>			
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	Cents	Cents	Cents	
Ark.....	257	387	405	253	383	402	12,309	20,490	20,502	9,220	9,226	151	209	180
La.....	561	641	605	556	631	599	21,542	24,924	24,559	11,216	11,051	155	219	186
Tex.....	364	526	531	357	526	526	16,416	24,459	22,618	11,007	10,178	162	242	214
Calif.....	196	248	298	192	241	294	12,677	15,183	21,462	6,832	9,658	147	198	165
U.S. ....	1,378	1,802	1,839	1,357	1,781	1,821	62,944	85,056	89,141	38,275	40,113	154	219	187

<sup>1</sup> Preliminary.<sup>2</sup> Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per bushel.<sup>3</sup> Bags of 100 pounds.

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TABLE 31.—*Rice, rough: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49<sup>1</sup>*

Continent and country	Acreage					Yield per acre					Production				
	Average		1947	1948 <sup>2</sup>	1949 <sup>2</sup>	Average		1947	1948 <sup>2</sup>	1949 <sup>2</sup>	Average		1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
El Salvador.....	26	45	45	48	48	1,212	1,027	1,369	1,444	1,444	31.5	45.2	61.6	69.3	69.3
Mexico.....	95	155	179	210	267	1,898	1,547	1,697	1,764	1,528	180.3	239.8	303.8	370.4	407.9
Panama.....	50	<sup>3</sup> 79	128	134	148	1,440	1,320	1,050	1,240	1,191	72.0	<sup>3</sup> 104.3	134.4	166.1	176.2
United States.....	1,004	1,338	1,693	1,781	1,821	2,234	2,046	2,080	2,149	2,203	2,243.3	2,738.2	3,521.7	3,827.5	4,011.3
Cuba.....	45	69	120	123	120	964	1,035	1,075	1,098	1,117	43.4	71.4	129.0	135.0	134.0
Dominican Republic.....	80	<sup>3</sup> 98	78	114	106	1,062	<sup>3</sup> 1,204	1,217	1,085	1,243	85.0	107.7	94.9	123.7	131.8
Total.....	1,421	1,943	2,430	2,630	2,730	-----	-----	-----	-----	-----	2,800.0	3,511.0	4,493.0	4,970.0	5,203.0
Europe:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Bulgaria.....	19	28	-----	-----	-----	2,463	2,361	-----	-----	-----	46.8	66.1	-----	-----	-----
France.....	1	1	4	10	19	1,400	1,600	2,125	2,200	2,553	1.4	1.6	8.5	22.0	48.5
Greece.....	5	3	7	9	19	1,840	2,100	2,014	2,200	2,321	9.2	6.3	14.1	19.8	44.1
Italy.....	362	381	327	353	326	4,677	4,310	4,720	4,372	4,565	1,692.9	1,642.0	1,543.5	1,543.5	1,488.1
Portugal.....	47	60	65	68	54	3,253	2,847	2,917	2,971	3,028	152.9	170.8	189.6	202.0	163.5
Spain.....	110	121	130	137	130	4,336	4,314	4,019	3,782	4,409	477.0	522.0	522.5	518.1	573.2
Total (excl. U.S.S.R.).....	553	615	578	650	630	-----	-----	-----	-----	-----	2,393.0	2,443.0	2,381.0	2,476.0	2,493.1
U.S.S.R. (Europe and Asia).....	<sup>3</sup> 384	-----	-----	-----	-----	<sup>3</sup> 1,901	-----	-----	-----	-----	<sup>3</sup> 730.1	697.5	675.0	-----	-----
Asia:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Iran.....	<sup>3</sup> 534	580	544	544	544	<sup>3</sup> 1,566	1,638	1,291	1,418	1,499	836.0	950.0	702.2	771.5	815.6
Iraq.....	<sup>3</sup> 386	479	-----	-----	-----	<sup>3</sup> 1,303	1,400	-----	-----	-----	502.9	670.7	573.2	661.4	771.6
Turkey.....	78	66	59	59	64	2,754	2,662	2,056	3,453	2,214	214.8	175.7	121.3	203.7	141.7
Burma.....	12,671	10,650	9,286	9,921	7,849	1,238	1,162	1,311	1,079	1,145	15,683.3	12,375.0	12,174.4	10,702.0	8,986.0
China.....	<sup>4</sup> 48,853	45,000	45,373	45,617	45,631	<sup>4</sup> 2,259	2,200	2,260	2,328	2,150	<sup>4</sup> 110,372.0	99,000.0	102,529.6	106,200.0	98,100.0
Taiwan.....	1,616	1,539	1,631	1,782	1,819	2,387	2,120	1,977	1,894	2,034	3,856.7	3,262.7	3,375.0	3,375.0	3,700.0
Manchuria.....	782	975	-----	-----	-----	1,829	1,585	-----	-----	-----	1,430.2	1,545.1	1,028.2	1,000.0	800.0
India-reporting.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	70,275	71,660	-----	-----	-----	1,040	1,028	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	73,061.2	73,693.4
India-nonreporting.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1,313	1,313	-----	-----	-----	1,555	1,555	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2,041.3	2,041.3
India-total.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	(71,588)	(72,973)	-----	-----	-----	1,049	1,038	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	(72,102.5)	(75,734.7)
French Indochina.....	14,306	13,000	12,900	13,500	12,000	1,006	987	1,012	950	1,012	14,396.0	12,825.0	13,050.0	12,825.0	12,150.0
Pakistan.....	<sup>6</sup> 18,706	20,605	21,100	21,545	21,756	<sup>6</sup> 1,301	1,227	1,187	1,315	1,245	<sup>6</sup> 24,339.8	25,274.3	25,044.3	28,340.0	27,082.2
Japan.....	7,862	7,653	7,830	7,850	7,850	3,408	3,267	3,180	3,356	3,546	26,793.1	25,003.9	24,902.8	26,343.1	27,837.9
Java and Madura.....	9,794	9,330	9,000	9,555	907	1,439	1,468	1,376	1,400	-----	14,091.5	13,700.9	12,380.0	13,380.0	-----
Korea.....	3,838	3,601	<sup>7</sup> 2,753	<sup>7</sup> 2,748	<sup>7</sup> 2,580	<sup>7</sup> 2,295	2,269	2,157	2,826	2,649	8,809.3	8,172.0	<sup>7</sup> 5,939.2	<sup>7</sup> 7,764.9	<sup>7</sup> 6,834.5
Malayan Federation.....	746	790	862	907	920	1,635	1,424	1,368	1,204	1,546	1,219.6	1,125.0	1,179.3	1,092.2	1,422.2
Philippine Republic.....	4,852	5,265	5,007	5,347	5,486	973	940	987	1,027	1,041	4,719.5	4,950.0	4,940.2	5,492.3	5,711.4
Thailand.....	7,088	6,750	6,800	7,500	7,900	1,353	1,333	1,522	1,500	1,500	9,588.5	9,000.0	10,350.0	11,250.0	11,850.0
Total (excl. U.S.S.R.).....	-----	-----	-----	208,620	207,200	-----	-----	-----	-----	-----	-----	-----	318,191.0	308,364.0	-----



<b>South America:</b>														
Argentina.....	52	91	128	124	136	2,692	2,795	1,953	2,137	1,838	140.0	254.3	250.0	265.0
Brazil.....	2,323	3,042	4,106	4,152	-----	1,287	1,409	1,371	1,301	-----	2,989.1	4,285.7	5,631.3	5,400.0
British Guiana.....	70	83	107	95	-----	2,289	2,199	2,002	2,212	-----	160.2	182.5	214.2	210.1
Chile.....	13	68	70	60	66	4,500	3,416	2,816	3,065	3,045	58.5	232.2	197.1	183.9
Colombia.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	141.4	267.6	460.4	490.0
Ecuador.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	154.7	254.2	382.2	372.6
Paraguay.....	5	15	8	16	22	1,760	1,760	2,362	1,931	1,805	8.8	26.4	18.9	30.9
Peru.....	107	137	139	112	94	1,925	2,206	3,263	2,852	2,766	206.0	302.2	453.6	319.4
Surinam.....	37	33	38	45	40	2,070	2,545	1,218	2,860	2,755	76.6	84.0	46.3	128.7
Uruguay.....	13	13	31	36	34	2,992	2,862	2,648	2,619	2,594	38.9	37.2	82.1	94.3
<b>Total.....</b>	<b>2,914</b>	<b>4,002</b>	<b>5,270</b>	<b>5,350</b>	<b>5,300</b>	-----	-----	-----	-----	-----	<b>4,003.0</b>	<b>5,964.0</b>	<b>7,803.0</b>	<b>7,582.0</b>
<b>Africa:</b>														
Egypt.....	463	600	805	816	730	3,233	2,704	3,496	3,534	3,527	1,496.8	1,622.2	2,814.0	2,883.4
French West Africa.....	<sup>3</sup> 1,562	1,860	-----	-----	-----	<sup>3</sup> 603	598	-----	-----	-----	942.1	1,111.5	-----	-----
Madagascar.....	1,195	1,227	1,401	1,421	-----	1,274	1,278	1,171	1,122	-----	1,522.0	1,568.3	1,640.9	1,594.5
Sierra Leone.....	346	-----	780	780	-----	1,192	-----	1,034	-----	-----	412.3	-----	806.4	-----
<b>Total.....</b>	<b>4,326</b>	<b>5,433</b>	<b>7,180</b>	<b>7,310</b>	<b>7,330</b>	-----	-----	-----	-----	-----	<b>5,065.0</b>	<b>5,851.0</b>	<b>8,295.0</b>	<b>8,370.0</b>
<b>Oceania:</b>														
Australia.....	23	30	26	31	34	4,134	3,693	4,323	3,710	3,806	95.3	110.8	112.4	115.0
Fiji.....	10	22	-----	-----	-----	1,940	2,059	-----	-----	-----	19.4	45.3	-----	-----
<b>Total.....</b>	<b>40</b>	<b>72</b>	<b>85</b>	<b>90</b>	<b>95</b>	-----	-----	-----	-----	-----	<b>122.0</b>	<b>176.0</b>	<b>200.0</b>	<b>204.0</b>
<b>World total.....</b>	-----	-----	-----	<b>225,050</b>	<b>223,700</b>	-----	-----	-----	-----	-----	-----	-----	-----	<b>342,553.0</b>
						-----	-----	-----	-----	-----	-----	-----	-----	<b>333,522.0</b>

<sup>1</sup> Crops harvested in Northern Hemisphere countries during the latter part of the year, together with those harvested in Asia principally from November to May, are combined with crops harvested in Southern Hemisphere countries during the first part of the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 5-year average.

<sup>4</sup> Average 1931-37.

<sup>5</sup> Because of changes in the basis of reporting India's rice acreage and pro-

duction of 1948-49 and 1949-50, statistics for earlier years are not comparable with the official estimates for these years.

<sup>6</sup> Average 1936-37 to 1939-40.

<sup>7</sup> South Korea only. In the 1935-39 period, production averaged about 6,750 million pounds annually.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 32.—*Rice, rough: Supply and distribution, United States, 1939-49*

Year <sup>1</sup>	Begin- ning stocks <sup>2</sup>	Produc- tion	Total supply	Domestic disappearance				Exports and ship- ments	Total disap- pear- ance	Ending stocks <sup>2</sup>	Balanc- ing item
				Seed	Feed	Food <sup>3</sup>	Milled <sup>4</sup>				
	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>
1939.....	1,151	24,328	25,479	1,168	341	282	22,438	183	24,412	1,691	-624
1940.....	1,691	24,495	26,186	1,353	363	279	22,877	425	25,297	751	138
1941.....	751	23,095	23,846	1,620	307	279	21,856	102	24,164	76	-394
1942.....	76	29,082	29,158	1,675	297	324	25,474	774	28,544	412	202
1943.....	412	29,264	29,676	1,630	321	441	25,202	469	28,003	165	1,448
1944.....	165	30,974	31,139	1,634	304	436	26,710	489	29,573	586	980
1945.....	586	30,668	31,254	1,735	302	648	27,569	443	30,697	533	24
1946.....	533	32,497	33,030	1,850	249	810	28,874	394	32,177	156	697
1947.....	156	35,217	35,373	1,923	291	810	31,382	807	35,213	118	42
1948.....	118	38,275	38,393	2,019	387	486	34,308	681	37,881	438	74
1949.....	438	40,113	40,551								

<sup>1</sup> Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.<sup>2</sup> Stocks on farms, in country warehouses, and in mills.<sup>3</sup> Used for food on farms where grown and for custom milling for local use.<sup>4</sup> Milled by commercial mills.<sup>5</sup> A bag is equivalent to 100 pounds.

Production and Marketing Administration.

TABLE 33.—*Rice, rough: Supply and distribution, southern crop, 1939-49*  
SUPPLY

Year beginning Aug. 1	Stocks, Aug. 1			Production	Received from California	Total supply
	On farms and in country warehouses	In mills	Total			
	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>			
1939.....	240	375	615	20,278	11	20,904
1940.....	504	394	898	20,247	22	21,167
1941.....	212	197	409	19,308	40	19,757
1942.....	41	25	66	23,400	2	23,468
1943.....	48	191	239	22,712	84	23,035
1944.....	66	62	128	24,224	5	24,357
1945.....	432	138	570	24,406	4	24,980
1946.....	252	257	509	24,584	5	25,098
1947.....	68	56	124	27,182	0	27,305
1948.....	65	40	105	31,443	0	31,548
1949.....	105	293	398	30,455	0	30,853

## DISTRIBUTION

Year beginning Aug. 1	Seed for new crop	Local food use <sup>2</sup>	Fed on farms	Milled by comm- er- cial mills	Exports	Stocks, July 31	Total ac- counted for	Bal- ancing item
	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
1939.....	1,003	282	281	19,049	34	898	21,547	-643
1940.....	1,139	279	288	18,789	50	409	20,954	213
1941.....	1,323	279	232	18,178	56	66	20,134	-377
1942.....	1,343	324	262	20,599	421	239	23,188	280
1943.....	1,286	441	271	19,240	314	128	21,680	1,355
1944.....	1,285	436	254	20,492	385	570	23,422	935
1945.....	1,381	648	252	21,856	314	509	24,960	20
1946.....	1,518	810	174	21,603	244	124	24,473	625
1947.....	1,590	810	216	23,923	639	105	27,283	22
1948.....	1,602	486	319	28,055	574	398	31,434	114
1949.....	1,469	405	249	27,156	438	1,006	30,723	130

<sup>1</sup> A bag is equivalent to 100 pounds.<sup>2</sup> Includes rice used by huller mills.

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TABLE 34.—*Rice, rough: Supply and distribution, California crop, 1939-49*

## SUPPLY

Year beginning October—	Stocks, Oct. 1			Production	Total supply
	In country warehouses and transit	In mills	Total		
	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
1939.....	244	292	536	4,050	4,586
1940.....	540	253	793	4,248	5,041
1941.....	200	142	342	3,787	4,129
1942.....	8	2	10	5,682	5,692
1943.....	98	75	173	6,552	6,725
1944.....	20	17	37	6,750	6,787
1945.....	9	7	16	6,262	6,278
1946.....	20	4	24	7,913	7,937
1947.....	32	0	32	8,035	8,067
1948.....	13	0	13	6,832	6,845
1949.....	40	0	40	9,658	9,698

## DISTRIBUTION

Year beginning October—	Seed for new crop	Feed and waste	Shipments to southern mills	Milled by commercial mills	Exports, and shipments to territories (rough)	Stocks, Sept. 30	Total accounted for	Balancing item
	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
1939.....	165	60	11	3,389	149	793	4,567	+19
1940.....	214	75	22	4,088	375	342	5,116	-75
1941.....	297	75	42	3,678	46	10	4,148	-19
1942.....	332	36	1	4,875	353	173	5,769	-77
1943.....	344	50	84	5,962	155	37	6,632	+93
1944.....	349	50	5	6,218	104	16	6,742	+45
1945.....	354	50	4	5,713	129	24	6,274	+4
1946.....	332	75	5	7,271	150	32	7,865	+72
1947.....	333	75	0	7,459	168	13	8,048	-19
1948.....	417	68	0	6,253	107	40	6,885	-40

<sup>1</sup> A bag is equivalent to 100 pounds.

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TABLE 35.—*Rice, milled (heads, second heads, and screenings): Supply and distribution, United States, 1939-48*

Year <sup>1</sup>	Mill stocks, beginning of year <sup>1</sup>	Production	Total supply	Exports	Shipments to territories	Disappearance within the United States	Mill stocks, end of year <sup>1</sup>
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>
1939.....	1,607	14,168	15,775	3,002	3,161	7,984	1,628
1940.....	1,628	14,552	16,180	3,731	3,314	7,921	1,214
1941.....	1,214	13,835	15,049	4,300	2,940	7,645	164
1942.....	164	16,552	16,716	4,113	2,629	8,664	<sup>3</sup> 1,310
1943.....	<sup>3</sup> 1,310	16,778	18,088	4,981	3,351	<sup>4</sup> 8,260	<sup>3</sup> 1,496
1944.....	<sup>2</sup> 1,496	17,615	19,111	4,528	2,969	<sup>4</sup> 11,398	<sup>3</sup> 216
1945.....	216	18,379	18,595	6,879	2,869	<sup>4</sup> 8,723	<sup>3</sup> 124
1946.....	124	19,450	19,574	8,289	2,934	8,252	99
1947.....	99	20,456	20,555	7,871	3,367	9,136	181
1948.....	181	22,550	22,731	9,451	3,544	8,860	<sup>3</sup> 876

<sup>1</sup> Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.<sup>2</sup> A bag is equivalent to 100 pounds.<sup>3</sup> Includes stocks held by Government agencies.<sup>4</sup> Includes shipments to the armed forces.

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TABLE 36.—*Rice, milled (heads, second heads, and screenings) : Supply and distribution, southern crop, 1939-49*

Year beginning August—	Mill stocks, Aug. 1	Production	Total supply	Exports	Shipments to territories	Disappearance within the United States	Mill stocks, July 31
	<i>1,000 bags</i> <sup>1</sup>	<i>1,000 bags</i> <sup>1</sup>	<i>1,000 bags</i> <sup>1</sup>	<i>1,000 bags</i> <sup>1</sup>	<i>1,000 bags</i> <sup>1</sup>	<i>1,000 bags</i> <sup>1</sup>	<i>1,000 bags</i> <sup>1</sup>
1939.....	1,321	12,458	13,779	2,951	2,195	7,229	1,404
1940.....	1,404	12,507	13,911	3,511	2,022	7,413	965
1941.....	965	11,641	12,606	4,194	1,381	6,937	94
1942.....	94	13,428	13,522	2,965	1,772	7,887	2 898
1943.....	2 898	12,827	13,725	3,998	2,771	6,082	2 874
1944.....	2 874	13,507	14,381	4,204	2,108	3 7,945	2 124
1945.....	2 124	14,632	14,756	6,163	1,559	3 7,021	13
1946.....	13	14,532	14,545	7,254	1,108	6,099	84
1947.....	84	15,668	15,752	6,566	1,104	7,946	136
1948.....	136	18,505	18,641	8,935	1,506	7,808	392
1949.....	392	17,810	18,202	8,604	1,272	7,747	579

<sup>1</sup> A bag is equivalent to 100 pounds.<sup>2</sup> Includes stocks held by Government agencies.<sup>3</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 37.—*Rice, milled (heads only) : Supply and distribution, California crop, 1939-48*

Year beginning October—	Mill stocks, Oct. 1	Production	Total supply	Exports	Shipments to Hawaii and Puerto Rico <sup>1</sup>	Disappearance within the United States	Mill stocks, Sept. 30
	<i>1,000 bags</i> <sup>2</sup>	<i>1,000 bags</i> <sup>2</sup>	<i>1,000 bags</i> <sup>2</sup>	<i>1,000 bags</i> <sup>2</sup>	<i>1,000 bags</i> <sup>2</sup>	<i>1,000 bags</i> <sup>2</sup>	<i>1,000 bags</i> <sup>2</sup>
1939.....	231	1,531	1,762	51	966	655	90
1940.....	90	1,937	2,027	221	1,292	292	222
1941.....	222	1,989	2,211	105	1,559	511	36
1942.....	36	2,882	2,918	1,148	856	515	3 899
1943.....	3 899	3,385	3,784	983	580	4 1,621	3 600
1944.....	3 600	3,410	4,010	325	860	4 2,736	3 89
1945.....	3 89	3,093	3,182	716	1,310	4 1,068	3 88
1946.....	3 88	4,221	4,309	1,035	1,826	1,439	9
1947.....	9	4,307	4,316	1,305	2,264	707	40
1948.....	40	3,648	3,688	517	2,038	678	3 455

<sup>1</sup> Data from San Francisco Harbor Commission.<sup>2</sup> A bag is equivalent to 100 pounds.<sup>3</sup> Includes stocks held by Government agencies.<sup>4</sup> Includes shipments to the armed forces.

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TABLE 38.—*Rice, milled No. 1 :<sup>1</sup> Average wholesale price per 100 pounds at selected markets, 1939-48*

Year beginning August—	Zenith <sup>2</sup>				Rexoro			California Pearl <sup>3</sup>
	New Orleans	Houston	Stuttgart, Ark.	New York	New Orleans	Houston	New York	San Francisco
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1939.....	3.30	3.26	3.33	3.74	3.85	3.67	4.06	3.70
1940.....	3.93	4.00	4.03	4.40	5.21	5.18	5.64	3.84
1941.....	6.16	6.22	6.18	6.88	8.90	8.84	9.43	6.06
1942.....	6.58	6.56	6.51	7.50	8.42	8.38	9.34	6.51
1943.....	6.60	6.50	6.50	7.45	8.35	8.25	9.25	6.62
1944.....	6.60	6.50	6.50	7.45	8.35	8.25	9.25	6.59
1945.....	7.17	7.05	7.05	8.15	9.03	8.95	9.90	7.15
1946.....	8.91	8.81	8.81	9.91	10.72	10.62	11.72	9.33
1947.....	12.95	13.10	12.05	13.75	14.80	14.85	16.05	11.65
1948.....	9.25	9.50	8.95	11.00	13.15	13.20	14.75	8.60

<sup>1</sup> Same as "Extra Fancy," shown in previous editions of this table.<sup>2</sup> Prior to 1943, prices for this group of markets are for Blue Rose rice instead of Zenith.<sup>3</sup> Year beginning October.

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TABLE 39.—Rice (in terms of milled): International trade, average 1936-40, annual 1947-49

Continent and country	Average 1936-40		1947		1948 <sup>1</sup>		1949 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>								
British Honduras		2,764		2,497		2,627		1,760
Canada	2,525	50,958	6	38,441	5	39,286	14	50,129
Costa Rica	0	2,063	1	24	1,100	736	0	3,782
El Salvador	2,641	3	8,012	132	4,127	55	5,322	0
Guatemala	( <sup>2</sup> )	75	1,135	2	259	1	2,041	( <sup>2</sup> )
Honduras <sup>3</sup>	1	2,591	4,856	37	3,187	30	150	0
Mexico	18,555	347	22,090	4,460	63,049	42	90,869	
Nicaragua	150	518	8,023		8,067	1	21,361	
Panama		13,398		14,768	15	11,212		165
United States	235,206	20,534	963,002	610	868,565	2,845	1,136,904	4,168
Bahamas		3,809		1,669				
Barbados		20,675		13,432		5,544		
Jamaica		41,798		11,521				16,607
Trinidad and Tobago		42,376		21,959		27,229		30,529
Cuba	60	444,612	1	620,639		517,715		598,386
Dominican Republic	165	7,989	1	8,167	506	511	2,030	201
Guadeloupe		15,467		10,040		12,801		
Martinique		6,508		7,013		3,509		
Haiti <sup>4</sup>	1	2,359	1,544	( <sup>2</sup> )	219	826	( <sup>2</sup> )	1,213
<b>Total <sup>5</sup></b>	<b>259,775</b>	<b>690,821</b>	<b>1,008,671</b>	<b>766,175</b>	<b>949,107</b>	<b>658,352</b>	<b>1,258,691</b>	<b>745,325</b>
<b>Europe:</b>								
Austria	<sup>6</sup> 5	<sup>6</sup> 62,366	0	1,127		7,596		32,793
Belgium	29,249	140,798	18	36,251	2,491	21,493	326	60,743
Czechoslovakia	3	84,898	0	4,590				
Denmark	45	19,082	0	5	0	2,159	7	2,880
Finland	0	31,723	0	4	0	44		
France	31,120	1,239,561	136	24,778	14	75,733	47	93,880
Germany	38,288	483,566				61,729		104,559
Greece	0	63,719		23,589		16,957	0	46,932
Hungary	0	43,438						
Iceland	0	1,249		979		1,116		
Ireland	0	7,909						
Italy	355,639	1,400	0	1,653	45,587	0	348,439	2,078
Netherlands	187,911	378,363	46	1,649	368	10,412	1,755	58,126
Norway	420	11,157	0	1	0	430	0	0
Poland	20,315	92,923						
Portugal	186	16,641	46	23,073	21,796	15,711	28	12,479
Rumania	1,303	46,597						
Spain	<sup>6</sup> 11,695	81,733	19,835	6,736	17,775	128		
Sweden	109	33,374	0	17	0	1,464		9,350
Switzerland	14	58,594	( <sup>2</sup> )	20,946	0	47,847	197	47,732
United Kingdom	12,202	311,174		10,361	0	94,669		117,218
Yugoslavia	<sup>6</sup> 153	<sup>6</sup> 47,168						
<b>Total <sup>5</sup></b>	<b>671,768</b>	<b>3,264,764</b>	<b>20,081</b>	<b>156,557</b>	<b>88,031</b>	<b>364,184</b>	<b>363,999</b>	<b>593,820</b>
<b>U. S. S. R.</b>	<b><sup>6</sup> 2,403</b>	<b><sup>6</sup> 94,300</b>						
<b>Asia:</b>								
Aden	42,015	49,996						
Iran <sup>7</sup>	64,129	1,252	27,172	55	3,215	40		
Iraq	13,029	84	3,514	4,026				
Palestine	2,381	41,020						
Syria and Lebanon	18	37,646						
Turkey	10	156	11	24	7	565		1,794
British Borneo		<sup>6</sup> 128,806						
Burma	6,535,742		1,779,012		2,724,947		2,632,452	
Ceylon	7	1,219,294	1,214	581,062	2,042	917,056	2,025	889,640
China	26,840	870,994	1,871	673,020	10,639	<sup>8</sup> 850,000		<sup>9</sup> 900,000
Manchuria	<sup>6</sup> 10,485	<sup>6</sup> 178,904						
Taiwan <sup>6</sup>	1,426,661	8,321	<sup>10</sup> 880,000		<sup>10</sup> 800,000		<sup>10</sup> 800,000	
French Indochina	3,232,998	11,519	148,429		433,413		227,248	
Hong Kong	602,314	1,075,402						
India <sup>11</sup>	622,218	3,726,688	4	1,121,857		1,959,021		1,719,659
Japan <sup>6</sup>	<sup>12</sup> 231,632	<sup>12</sup> 4,122,395		6,129		123,998		300,000
Korea <sup>6</sup>	2,367,393	72,735	<sup>13</sup> 0	<sup>13</sup> 83,700	<sup>13</sup> 0	<sup>13</sup> 170,208		<sup>13</sup> 0
Malayan Federation	369,852	1,746,239	3,554	523,437		1,018,304	52,053	1,134,803
U. S. of Indonesia	73,737	499,118	3,866	260,984	772	404,495	784	541,226
Philippine Republic	1,316	130,886	127,682	276,419		264,797		320,895
Portuguese India	62	54,736						
Thailand	2,920,437		871,002		1,790,633		2,680,470	
<b>Total <sup>5</sup></b>	<b>18,543,276</b>	<b>13,993,564</b>	<b>3,799,649</b>	<b>4,753,383</b>	<b>6,103,453</b>	<b>7,052,904</b>	<b>6,404,932</b>	<b>(<sup>14</sup>)</b>

See footnotes at end of table.

TABLE 39.—*Rice, (in terms of milled): International trade, average 1936-40, annual 1947-49—Continued*

Continent and country	Average 1936-40		1947		1948 <sup>1</sup>		1949 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>South America:</b>								
Argentina.....	467	52,286	5,955					
Bolivia.....	0	18,371		9,469		20,005		
Brazil.....	83,335	0	530,885		475,296		2,155	
British Guiana.....	34,296	5	43,962		39,267		58,475	
Chile.....	3	24,107	5,954		1,252		18,225	
Colombia.....	3	29,614		13,452		3,845	1,631	0
Ecuador.....	25,685	4	136,659		138,853		68,122	
French Guiana.....	0	2,692		913		1,892		1,470
Paraguay.....	0	327	0	0	( <sup>2</sup> )	576	5,400	
Peru.....	51	44,742	0	( <sup>2</sup> )	0	12,218	0	( <sup>15</sup> )
Surinam.....	10,654	4	11,141	0	4,374	0	21,378	
Uruguay.....	3,775	191			27,196		8,986	
Venezuela.....	0	32,924		29,235		33,000		41,949
<b>Total <sup>3</sup>.....</b>	<b>158,269</b>	<b>205,267</b>	<b>734,556</b>	<b>53,069</b>	<b>686,238</b>	<b>71,536</b>	<b>184,402</b>	<b>53,400</b>
<b>Africa:</b>								
Algeria.....	4,918	65,224				14,087		
Sudan.....	252	6,719		6,078		14,467		9,771
Belgian Congo.....	3,132	611	7,237		2,216		8,249	
Nyasaland.....	23	630	1,145		22			
Tanganyika.....	980	21,805	5,858	0	14,448	0	3,472	
Zanzibar.....	436	38,093	( <sup>2</sup> )	1,392				
Gambia.....		11,245		1				
Egypt.....	276,601	4,150	367,053	1	772,955	2	758,147	216
Italian Somaliland.....	0	12,820						359
French Equatorial Africa.....		6,524		3,907		5,399		2,941
French Cameroons.....		6,208		1,058		1,389		7
French Morocco.....		24,719		441		8,377		
French West Africa.....	534	180,336	0	65,871		103,938		82,448
Gold Coast.....	8	24,942		0		0		
Liberia.....		5,556						
Madagascar.....	15,942	3,848	3,790	2,204	1,033	25,819	1,338	1,997
Mauritius.....	34	123,091	1,873	46,224		67,564		
Mozambique.....	215	18,341		3,136		4,816		
Nigeria.....		21,376	6,952	4	36	4		
Angola.....	3,422	216	4,770	0	11,063	0	19,348	
Portuguese Guinea.....	9,634	0	3,779		3,578			
Reunion.....		67,465		19,246		60,382		30,915
Seychelles Islands.....		5,990		3,741				
Southern Rhodesia.....	75	2,249	1	823	247	2,192	193	1,479
Tunisia.....		45,418			( <sup>2</sup> )	5,308		
Union of South Africa.....	0	139,021						33,620
<b>Total <sup>4</sup>.....</b>	<b>318,631</b>	<b>928,416</b>	<b>402,680</b>	<b>216,586</b>	<b>810,714</b>	<b>386,258</b>	<b>798,998</b>	<b>(<sup>14</sup>)</b>
<b>Oceania:</b>								
Australia <sup>5</sup> .....	29,025	5,268	64,344		62,684		54,634	
Australian New Guinea.....		21,840						
French Oceania.....		3,047		2,914		2,835		3,536
New Caledonia.....	238	7,183		4,134		7,566		
New Zealand.....	17	8,542		4,234		2,510		
Western Samoa.....		1,314		1,046				
<b>Total <sup>6</sup>.....</b>	<b>29,285</b>	<b>101,077</b>	<b>64,344</b>	<b>47,378</b>	<b>65,000</b>	<b>55,076</b>	<b>54,634</b>	<b>(<sup>14</sup>)</b>
<b>World total <sup>6</sup>.....</b>	<b>19,983,407</b>	<b>19,278,209</b>	<b>6,030,000</b>	<b>6,095,000</b>	<b>8,700,000</b>	<b>8,690,000</b>	<b>9,066,000</b>	<b>(<sup>14</sup>)</b>

<sup>1</sup> Preliminary. <sup>2</sup> Less than 500 pounds. <sup>3</sup> July-June. <sup>4</sup> October-September. <sup>5</sup> Including some countries not shown. <sup>6</sup> Less than 5-year average. <sup>7</sup> March 21-March 20. <sup>8</sup> Estimated on the basis of export data from exporting countries. <sup>9</sup> Prewar shipments to Japan from the Japanese colonies, Korea and Taiwan, comprised the principal trade of the 3 lands. <sup>10</sup> Estimated surplus. <sup>11</sup> March-April to 1940-41. Includes Pakistan to Aug. 15, 1947. <sup>12</sup> November-October. <sup>13</sup> South Korea. <sup>14</sup> Not available. <sup>15</sup> Insignificant, if any.

Office of Foreign Agricultural Relations. Prepared on the basis of official statistics of foreign governments and reports of United States Foreign Service officers. Includes milled, broken, semi-milled unconverted, and rough rice in terms of milled.

TABLE 40.—*Buckwheat: Acreage, yield, production, value, and foreign trade, United States, 1929-49*

Year	Acreage seeded	Acreage harvested	Yield per har- vested acre	Produc- tion	Season average price per bushel re- ceived by farmers	Farm value	Foreign trade, including flour, year beginning September <sup>1</sup>		
							Domestic exports	Imports ( <sup>2</sup> )	Net exports or imports (-) <sup>3</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929		622	13.4	8,539					
1929	671	629	13.8	8,710	96.2	8,380	21	89	- 68
1930	635	574	12.1	6,967	78.8	5,493	115		115
1931	538	507	17.6	8,910	42.3	3,767	510		510
1932	476	454	14.8	6,727	43.4	2,917	16		16
1933	487	460	17.0	7,816	55.8	4,359	54		54
1934	510	475	18.9	8,994	58.5	5,257	43		43
1935	524	505	16.8	8,488	54.8	4,653	1	25	- 24
1936	417	379	17.0	6,440	85.1	5,481	2	140	- 138
1937	442	421	16.2	6,808	66.7	4,539	399	2	397
1938	466	448	15.1	6,763	53.9	3,647	324	2	322
1939		361	15.5	5,589					
1939	401	370	15.5	5,736	62.2	3,566	442	( <sup>4</sup> )	442
1940	420	388	16.7	6,476	53.8	3,482	17	5	12
1941	355	337	17.9	6,038	67.4	4,072	( <sup>4</sup> )	10	- 10
1942	403	375	17.7	6,636	84.6	5,613	6	42	- 36
1943	528	505	17.5	8,830	126.0	11,113	( <sup>4</sup> )	4	- 4
1944	539	515	17.8	9,166	101.0	9,290	27	( <sup>4</sup> )	27
1945	487	409	16.2	6,644	119.0	7,875	28	( <sup>4</sup> )	28
1946	416	391	18.2	7,124	148.0	10,517	<sup>5</sup> 292	( <sup>4</sup> )	292
1947	559	518	14.2	7,334	190.0	13,908	1,317	9	1,308
1948	354	336	18.8	6,305	113.0	7,124	734	( <sup>4</sup> )	734
1949 <sup>6</sup>	291	279	18.6	5,184	94.0	4,873			

<sup>1</sup> Compiled from reports of the Department of Commerce. Buckwheat flour converted to grain equivalent on the basis of 7 bushels of grain to 1 barrel of flour.

<sup>2</sup> General imports, 1929; imports for consumption, beginning 1935. Imports not separately reported between these dates.

<sup>3</sup> Domestic exports minus imports, with net imports shown by a minus sign.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Includes shipments under the Army Civilian Supply Program, beginning January 1947, and continuing in later years.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 58.

TABLE 41.—*Buckwheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1933-47, annual 1948 and 1949*

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1933-47	1948	1949 <sup>1</sup>	Average 1933-47	1948	1949 <sup>1</sup>	Average 1933-47	1948	1949 <sup>1</sup>	Average 1933-47	1948	1949
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Maine.....	7	7	8	7	7	8	113	140	168	122	148	124
New York.....	139	96	70	131	93	68	2,210	1,767	1,360	102	106	90
Pennsylvania.....	131	111	97	122	106	92	2,250	2,332	1,886	100	116	93
North Atlantic...	278	214	175	261	206	168	4,592	4,239	3,414	102	113	93.3
Ohio.....	18	16	11	17	16	11	300	304	248	100	117	91
Indiana.....	11	2	7	11	2	7	150	30	102	96	115	87
Illinois.....	7	4	2	6	4	2	96	68	32	98	114	92
Michigan.....	37	30	20	30	27	19	445	351	276	96	111	86
Wisconsin.....	18	18	15	17	16	15	254	240	232	98	112	93
Minnesota.....	37	34	27	34	29	23	462	435	322	88	83	66
North Dakota.....	6	3	4	5	3	4	62	48	48	90	85	63
South Dakota.....	4	4	3	4	4	3	42	64	24	83	92	59
North Central...	144	111	89	130	101	84	1,891	1,540	1,284	94.2	103	82.1
Maryland.....	5	4	4	5	4	4	106	88	76	104	131	117
Virginia.....	8	7	6	8	7	6	118	126	105	111	141	147
West Virginia.....	11	6	5	11	6	5	203	114	95	111	143	149
South Atlantic...	28	17	15	28	17	15	490	328	276	110	139	139
Tennessee.....	5	12	12	5	12	12	74	198	210	114	149	118
South Central...	7	12	12	7	12	12	101	198	210	113	149	118
United States....	457	354	291	426	336	279	7,075	6,305	5,184	101	113	94.0

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 42.—*Buckwheat: Production, seed used, and farm disposition, United States, 1909-49*

Crop of—	Pro-duction	Total used for seed	Farm disposition				Crop of—	Pro-duction	Total used for seed	Farm disposition			
			Used on farms where grown			Sold				Used on farms where grown			Sold
			For seed	Fed to live-stock	Ground at mill for home use or ex-changed for flour					For seed	Fed to live-stock	Ground at mill for home use or ex-changed for flour	
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1909	14,762	816	519	5,033	841	8,369	1930	6,967	513	340	3,298	468	2,861
1910	14,536	783	502	5,246	823	7,965	1931	8,910	458	305	5,076	427	3,102
1911	13,888	782	495	5,222	798	7,373	1932	6,727	465	286	3,617	384	2,440
1912	15,095	751	484	5,870	799	7,942	1933	7,816	486	285	4,336	397	2,798
1913	10,208	733	468	3,895	781	5,064	1934	8,994	498	295	5,204	382	3,113
1914	12,919	733	463	5,344	742	6,370	1935	8,488	398	277	4,994	367	2,850
1915	12,523	763	469	5,288	748	6,018	1936	6,440	425	241	3,659	296	2,244
1916	10,302	893	509	4,166	775	4,852	1937	6,808	460	275	3,729	271	2,533
1917	13,605	976	567	5,799	915	6,324	1938	6,763	397	267	3,724	249	2,523
1918	14,404	706	473	6,316	1,011	6,604	1939	5,736	412	242	3,193	185	2,116
1919	12,707	699	427	5,945	728	5,607	1940	6,476	358	242	3,873	172	2,189
1920	12,193	610	394	5,935	691	5,173	1941	6,038	403	229	3,831	125	1,803
1921	11,822	686	386	6,024	584	4,828	1942	6,636	552	270	3,920	133	2,313
1922	11,776	654	398	6,180	621	4,577	1943	8,830	564	349	5,544	147	2,790
1923	11,596	698	405	6,349	565	4,277	1944	9,166	505	328	5,823	112	2,903
1924	12,508	702	416	7,393	566	4,133	1945	6,644	438	295	4,160	92	2,097
1925	12,559	741	394	7,368	564	4,233	1946	7,124	578	332	4,229	91	2,472
1926	10,976	707	380	5,506	517	4,573	1947	7,334	380	263	4,154	96	2,821
1927	12,820	628	382	7,132	529	4,777	1948	6,305	314	217	3,846	87	2,155
1928	10,117	590	354	4,970	465	4,328	1949	5,184	292	201	3,197	83	1,703
1929	8,710	599	373	4,029	547	3,761							

Footnote and source same as for table 43.

TABLE 43.—*Buckwheat: Production, seed used, and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948						Crop of 1949 <sup>1</sup>						
	Pro-duction	Total used for seed	Farm disposition				Pro-duction	Total used for seed	Farm disposition				Sold
			Used on farms where grown			Sold			Used on farms where grown				
			For seed	Fed to live-stock	Ground at mill for home use or ex-changed for flour				For seed	Fed to live-stock	Ground at mill for home use or ex-changed for flour		
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	
Maine.....	140	14	10	60	32	38	168	15	10	83	33	4	42
New York.....	1,767	70	52	1,074	5	636	1,360	60	45	767	4	544	
Pennsylvania.....	2,332	116	87	1,636	26	583	1,886	103	77	1,334	22	463	
Ohio.....	304	12	7	192	2	103	248	12	5	162	2	79	
Indiana.....	30	6	2	10		18	102	6	4	37		61	
Illinois.....	68	2	1	36		31	32	2	1	17		14	
Michigan.....	351	16	6	133	1	211	276	16	8	151	1	116	
Wisconsin.....	240	15	10	133	1	96	232	15	10	128	1	93	
Minnesota.....	435	24	14	116	1	304	322	24	13	115	1	193	
North Dakota.....	48	4	2	17		29	48	4	2	20		26	
South Dakota.....	64	3	2	30		32	24	3	2	10		12	
Maryland.....	88	5	4	66	5	13	76	5	4	58	5	9	
Virginia.....	126	7	5	106	5	10	105	7	5	86	5	9	
West Virginia.....	114	7	5	90	8	11	95	7	5	72	8	10	
Tennessee.....	198	13	10	147	1	40	210	13	10	157	1	42	
United States.....	6,305	314	217	3,846	87	2,155	5,184	292	201	3,197	83	1,703	

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where grown and do not include purchases by farmers from others for such purposes.

TABLE 44.—*Corn: Acreage, yield, production, value, and foreign trade, United States, 1929-49*

Year	Acreage planted	Acreage harvested	Yield per harvested acre, all corn <sup>1</sup>	Production		Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning October <sup>2</sup>	Foreign trade, including meal, year beginning October <sup>3</sup>		
				All corn <sup>1</sup>	Harvested as grain				Domestic exports	Imports <sup>4</sup>	Net exports or imports (-) <sup>5</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		97,741	<sup>6</sup> 25.6		2,130,752						
1929	99,130	97,805	25.7	2,515,937	2,135,038	79.9	2,010,201	84	8,963	846	8,119
1930	103,915	101,465	20.5	2,080,130	1,757,297	59.8	1,244,318	62	3,119	1,386	1,733
1931	109,364	106,866	24.1	2,575,927	2,229,903	32.1	826,438	36	4,436	377	4,058
1932	113,024	110,577	26.5	2,930,352	2,578,685	31.6	926,700	34	8,886	173	8,713
1933	109,830	105,918	22.6	2,397,593	2,104,725	52.0	1,246,777	50	4,812	883	3,929
1934		87,476	<sup>6</sup> 18.8		1,169,438						
1934	100,563	92,193	15.7	1,448,920	1,146,734	81.5	1,181,479	86	1,143	36,955	-35,812
1935	99,974	95,974	24.0	2,299,363	2,001,367	65.5	1,506,281	74	867	21,096	-20,229
1936	101,959	93,154	16.2	1,505,689	1,258,673	104.4	1,571,859	121	432	103,670	-103,238
1937	97,174	93,930	28.1	2,642,978	2,349,425	<sup>7</sup> 51.8	1,368,474	57	139,893	1,819	138,074
1938	94,473	92,160	<sup>7</sup> 27.7	2,548,753	2,300,095	<sup>7</sup> 48.6	1,239,619	48	34,369	442	33,927
1939		86,960	<sup>6</sup> 22.6		2,311,400						
1939	91,639	88,279	28.2	2,580,985	2,341,602	<sup>7</sup> 56.8	1,465,117	54	44,284	1,110	43,174
1940	88,692	86,429	28.4	2,457,146	2,206,882	<sup>7</sup> 61.8	1,513,719	67	14,849	1,269	13,580
1941	86,837	85,357	31.1	2,651,889	2,414,445	<sup>7</sup> 75.1	1,991,103	79	19,998	565	19,433
1942	88,818	87,367	35.1	3,068,562	2,801,819	<sup>7</sup> 91.7	2,813,772	91	5,176	407	4,769
1942	94,341	92,060	32.2	2,965,980	2,668,490	<sup>7</sup> 112.0	3,328,496	114	10,269	3,688	6,581
1943		92,559	<sup>6</sup> 30.2		2,738,452						
1943	95,475	94,014	32.8	3,088,110	2,801,993	<sup>7</sup> 109.0	3,353,386	115	17,128	6,065	11,063
1944	89,727	88,079	32.7	2,880,933	2,593,752	127.0	3,670,557	194	<sup>8</sup> 21,948	595	21,353
1945	89,788	88,489	36.7	3,249,950	2,951,147	156.0	5,081,927	180	128,686	560	128,126
1946	86,108	83,932	42.6	2,383,970	2,137,410	216.0	5,145,345	233	9,518	698	8,820
1947	86,828	86,067	42.8	3,681,793	3,401,616	<sup>7</sup> 130.0	4,778,843	138	112,240	724	111,516
1948	87,910	86,735	38.9	3,377,790	3,108,812	<sup>7</sup> 121.0	4,080,243	129			

<sup>1</sup> Yield and production represent equivalent grain yield on total acres harvested for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.

<sup>2</sup> Compiled from the Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily prices weighted by carlot sales, No. 3 yellow corn.

<sup>3</sup> Compiled from reports of the Department of Commerce. Corn meal converted to grain equivalent on the basis of 4 bushels of grain to 1 barrel of meal through December 1945; beginning January 1946, 3.16 bushels of grain to 100 pounds of meal.

<sup>4</sup> General imports, 1929-32; imports for consumption, beginning 1933. Includes corn meal, beginning 1933. Excludes cracked corn, which was reported beginning 1933.

<sup>5</sup> Total exports (domestic plus foreign) minus general imports, 1929-32; beginning 1933, domestic exports minus imports for consumption. Net imports shown by a minus sign.

<sup>6</sup> Yield of corn harvested for grain.

<sup>7</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>8</sup> Includes shipments under the Army Civilian Supply Program, beginning January 1946, and continuing in later years.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 62.

TABLE 45.—*Corn, all:<sup>1</sup> Acreage, production, and season average price per bushel received by farmers, by States, average 1938–47, annual 1948 and 1949*

State and division	Acreage planted			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	Average 1938–47	1948	1949 <sup>3</sup>	Average 1938–47	1948	1949 <sup>2</sup>	Average 1938–47	1948	1949 <sup>3</sup>	Average 1938–47	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	13	10	11	13	10	11	529	340	462	131	178	165
New Hampshire.....	13	11	12	13	11	12	562	407	528	131	168	155
Vermont.....	64	52	57	64	52	57	2,488	2,288	2,565	131	168	155
Massachusetts.....	41	35	37	41	35	37	1,705	1,435	1,517	131	168	155
Rhode Island.....	8	7	7	8	7	7	325	259	266	131	168	155
Connecticut.....	49	45	45	49	45	45	2,031	1,800	1,800	131	168	155
New York.....	679	685	712	671	678	705	24,063	27,120	29,610	122	146	135
New Jersey.....	190	194	182	189	193	181	7,412	9,650	8,145	126	145	140
Pennsylvania.....	1,348	1,416	1,382	1,336	1,406	1,378	54,239	65,379	64,077	124	142	135
North Atlantic.....	2,406	2,455	2,445	2,385	2,437	2,433	93,356	108,678	108,970	124	145	137
Ohio.....	3,445	3,701	3,627	3,423	3,691	3,617	160,389	215,924	202,552	106	127	125
Indiana.....	4,262	4,756	4,770	4,235	4,751	4,751	196,245	285,060	247,052	103	125	120
Illinois.....	8,314	9,298	9,280	8,250	9,252	9,252	398,442	564,372	518,112	103	127	120
Michigan.....	1,658	1,729	1,798	1,643	1,721	1,790	55,653	67,119	85,920	110	130	120
Wisconsin.....	2,463	2,570	2,621	2,443	2,545	2,596	101,106	113,252	129,800	107	125	115
Minnesota.....	5,095	5,198	5,682	5,017	5,182	5,648	203,090	272,055	248,512	94	121	110
Iowa.....	10,259	11,213	11,326	10,148	11,191	11,303	507,760	677,056	553,847	100	131	125
Missouri.....	4,392	4,486	4,396	4,235	4,420	4,243	128,558	201,110	173,963	107	128	120
North Dakota.....	1,180	1,147	1,239	1,132	1,130	1,198	24,157	29,380	23,361	85	124	110
South Dakota.....	3,610	3,728	4,101	3,376	3,652	3,944	79,028	131,472	82,824	93	124	110
Nebraska.....	7,738	7,048	7,438	7,502	7,013	7,364	180,307	252,468	239,330	99	129	115
Kansas.....	3,070	2,498	2,598	2,870	2,427	2,524	61,169	81,304	73,196	104	129	115
North Central.....	55,487	57,372	58,876	54,275	56,975	58,230	2,095,904	2,890,572	2,578,469	101	127	119
Delaware.....	141	142	146	140	139	146	3,976	4,309	4,380	115	135	130
Maryland.....	476	490	485	472	488	483	16,382	19,032	18,354	113	131	125
Virginia.....	1,285	1,185	1,151	1,270	1,175	1,140	36,520	50,525	53,580	126	139	135
West Virginia.....	366	297	270	364	297	267	11,772	13,068	11,748	129	153	140
North Carolina.....	2,345	2,248	2,192	2,320	2,226	2,159	53,124	69,006	75,565	124	135	125
South Carolina.....	1,599	1,422	1,412	1,587	1,418	1,404	25,235	28,380	31,590	122	141	125
Georgia.....	3,800	3,205	3,333	3,751	3,173	3,300	45,255	49,182	59,400	125	142	120
Florida.....	726	712	698	717	691	691	7,612	6,910	8,983	128	170	130
South Atlantic.....	10,739	9,701	9,687	10,621	9,607	9,590	199,877	240,392	263,600	124	140	127
Kentucky.....	2,476	2,445	2,396	2,452	2,440	2,387	70,856	100,040	88,762	121	132	125
Tennessee.....	2,502	2,266	2,153	2,475	2,255	2,120	63,487	74,415	68,900	124	131	125
Alabama.....	3,196	2,747	2,783	3,151	2,736	2,736	43,596	58,824	57,456	129	137	125
Mississippi.....	2,822	2,250	2,182	2,721	2,231	2,075	43,506	53,544	47,725	123	134	120
Arkansas.....	1,871	1,305	1,227	1,814	1,285	1,182	31,979	34,052	28,368	116	135	125
Louisiana.....	1,355	955	834	1,310	922	802	20,296	17,057	18,446	118	158	130
Oklahoma.....	1,715	1,332	1,385	1,614	1,285	1,336	28,382	32,125	29,392	106	133	115
Texas.....	4,320	2,765	2,599	4,212	2,709	2,587	67,694	44,698	58,208	104	153	110
South Central.....	20,257	16,055	15,559	19,769	15,863	15,205	369,796	414,755	397,257	118	136	122
Montana.....	193	205	211	181	199	185	2,991	3,781	1,572	104	151	140
Idaho.....	40	28	35	38	28	34	1,698	1,260	1,598	118	158	150
Wyoming.....	122	58	66	110	56	62	1,521	1,008	1,085	112	138	130
Colorado.....	938	619	706	853	596	679	13,902	14,304	17,314	103	133	120
New Mexico.....	199	150	139	177	135	135	2,474	1,890	2,160	124	161	150
Arizona.....	36	36	37	34	34	35	354	408	420	141	212	185
Utah.....	25	24	26	24	23	25	726	621	900	130	177	165
Nevada.....	3	3	3	3	3	3	87	81	90	133	178	170
Washington.....	25	16	17	25	16	17	1,034	848	884	118	165	145
Oregon.....	48	31	31	47	30	30	1,565	1,050	1,095	123	163	155
California.....	73	65	72	73	65	72	2,342	2,145	2,376	133	174	155
Western.....	1,702	1,235	1,343	1,566	1,185	1,277	28,694	27,396	29,494	111	146	133
United States.....	90,690	86,828	87,910	88,617	86,067	86,735	2,787,628	3,681,793	3,377,790	105	130	121

<sup>1</sup> Relates to corn for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.<sup>2</sup> Preliminary.<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

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TABLE 46.—Corn: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49<sup>1</sup>

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Continent and country	Acreage <sup>2</sup>					Yield per acre <sup>4</sup>					Production				
	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
North America:															
Canada.....	172	273	176	252	272	40.8	39.7	38.0	49.3	50.2	7,010	10,833	6,682	12,417	13,650
Guatemala.....	1,000	1,060				15.7	15.8				15,700	16,760			
Honduras.....	<sup>5</sup> 258	319				<sup>6</sup> 14.0	13.4				3,717	4,262			
Mexico.....	7,501	8,816	8,679	9,196	9,143	9.0	9.2	11.4	12.1	9.9	67,523	80,714	99,112	111,487	90,546
Nicaragua.....	<sup>5</sup> 86	132	173	193	180	<sup>5</sup> 17.4	11.3	15.5	17.1	13.3	1,500	1,486	2,687	3,300	2,400
United States.....	92,699	89,045	83,932	86,067	86,735	25.0	32.0	28.4	42.8	38.9	2,315,554	2,846,337	2,383,970	3,681,793	3,377,790
Cuba.....	360	376	410	550		16.7	16.6	18.5	16.2		6,000	6,250	7,589	8,929	
Estimated total <sup>6</sup> .....	103,260	101,430	96,450	99,310	99,800						2,435,000	2,985,000	2,545,000	3,860,000	3,535,000
Europe:															
Albania.....	235	246	250			21.6	19.7	22.0			5,067	4,837	5,500		
Austria.....	163	162		148	144	39.2	31.2		29.1	32.6	6,384	5,053	4,000	4,300	4,688
Bulgaria.....	2,035	1,980	1,903			17.5	14.7	18.4			35,657	29,204	35,000		
Czechoslovakia.....	<sup>5</sup> 395	245	321	373	380	<sup>5</sup> 28.6	27.3	16.3	32.3	32.9	<sup>5</sup> 11,300	6,695	5,236	12,053	12,500
France.....	839	620	675	726	729	26.3	18.9	13.3	25.0	12.3	22,096	11,700	9,000	18,156	9,000
Germany.....	85	51				47.1	43.1				4,000	2,200			
Greece.....	650	529	618	577	562	15.5	16.5	17.6	15.6	16.8	10,078	8,743	10,877	8,992	9,448
Hungary.....	2,924	3,167	3,100			31.5	32.8	23.5			92,007	103,974	73,000		
Italy.....	3,583	3,436	3,200	3,250	3,250	31.5	28.1	28.1	31.4	32.7	113,000	96,400	90,000	102,000	106,300
Portugal.....	1,235		1,244	1,273	1,224	12.1		10.5	11.1	8.1	15,000		13,063	14,140	10,000
Rumania.....	9,870	8,300				17.4	18.1				172,000	150,000			
Spain.....	<sup>5</sup> 1,094	1,050	902	904	877	<sup>5</sup> 28.4	23.8	24.9	26.5	24.4	<sup>5</sup> 31,076	25,000	22,500	24,000	21,400
Yugoslavia.....	6,615	6,790				26.7	23.4				176,600	159,000			
Estimated total <sup>6</sup> .....	29,790	27,920	30,090	28,540	29,690						697,000	622,000	675,000	680,000	660,000
U.S.S.R. (Europe and Asia).....	10,000		8,000	8,500	8,500	17.0		17.5	15.9	16.5	170,000		140,000	135,000	140,000
Asia:															
Turkey.....	1,098	1,408	1,322	1,272	1,446	20.9	20.4	15.8	18.6	20.0	22,971	28,661	20,904	23,621	28,849
Burma.....	217	<sup>5</sup> 212	198	198	196	7.6	<sup>5</sup> 6.6				1,640	<sup>5</sup> 1,390			
China.....	<sup>5</sup> 12,000	14,200	12,296	12,276	12,300	<sup>5</sup> 21.8	19.9	21.5	21.2	20.7	<sup>5</sup> 262,000	282,600	264,696	260,151	255,220
Manchuria.....	3,720	6,231				23.3	21.5				86,586	133,858			
French Indochina.....	1,053	<sup>5</sup> 778				21.2	<sup>5</sup> 14.6				22,365	<sup>5</sup> 13,188			
Indian Union <sup>7</sup> .....	<sup>5</sup> 5,526	5,643	7,777	7,462	7,500	<sup>5</sup> 12.2	13.2	10.9	9.4	11.0	<sup>5</sup> 67,240	74,240	85,080	70,480	82,672
Pakistan <sup>7</sup> .....	<sup>5</sup> 811	884	979	965	1,003	<sup>5</sup> 17.7	17.3	16.6	17.1	16.9	<sup>5</sup> 14,360	15,264	16,240	16,480	16,920
Japan.....	128	162	128	148	150	24.2	22.8	17.2	19.7		3,094	3,700	2,205	2,913	
Korea.....	<sup>5</sup> 321	375				<sup>5</sup> 13.0	12.0				<sup>5</sup> 4,177	4,500			
Java and Madura.....	5,150	5,160				15.5	15.9				79,976	82,200			
Philippine Republic.....	1,765	2,442	2,007	2,042	2,140	8.9	9.8	10.5	10.0	11.4	15,715	23,967	21,000	20,432	24,340
Estimated total <sup>6</sup> .....	33,920	39,710	38,530	35,170	35,650						610,000	695,000	650,000	585,000	595,000

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<b>Africa:</b>														
Belgin Congo.....	<sup>5</sup> 179	329	600	-----	-----	<sup>5</sup> 19.6	17.8	20.0	-----	-----	3,500	5,860	12,000	-----
Kenya <sup>6</sup> .....	103	102	-----	-----	-----	30.3	24.0	-----	-----	-----	3,121	2,453	3,000	-----
Basutoland.....	360	360	-----	-----	-----	8.1	7.6	-----	-----	-----	2,822	2,709	2,554	-----
Egypt.....	1,599	1,846	1,669	1,610	1,550	39.5	30.7	33.1	34.1	32.3	63,229	56,085	55,170	54,917
French Morocco.....	1,112	1,251	1,265	1,351	1,179	7.6	7.9	7.9	9.8	11.0	8,505	9,863	10,039	13,287
French West Africa.....	<sup>5</sup> 1,732	1,500	-----	-----	-----	<sup>5</sup> 12.4	13.3	-----	-----	-----	<sup>5</sup> 21,473	20,000	-----	-----
Madagascar.....	260	172	-----	-----	-----	15.3	12.9	-----	-----	-----	3,969	2,213	-----	-----
Angola.....	1,435	1,470	-----	-----	-----	9.0	8.3	-----	-----	-----	12,859	12,180	12,000	-----
Southern Rhodesia <sup>6</sup> .....	268	243	323	215	-----	22.1	21.1	21.1	20.8	-----	5,923	5,116	6,829	4,464
Union of South Africa.....	6,989	7,657	7,800	6,103	6,140	11.5	9.4	13.6	11.8	11.7	80,132	71,711	106,000	72,146
Estimated total <sup>6</sup> .....	18,200	19,280	19,820	18,140	17,920	-----	-----	-----	-----	-----	255,000	240,000	280,000	250,000
<b>South America:</b>														
Argentina.....	10,775	8,176	6,591	6,500	4,500	28.0	31.7	35.8	27.7	17.8	301,986	259,124	236,207	180,000
Brazil.....	10,025	10,208	10,727	10,872	-----	21.5	20.3	20.5	20.0	-----	215,153	207,438	219,905	217,000
Chile.....	110	126	119	115	110	22.7	20.7	24.5	22.2	22.9	2,496	2,603	2,921	2,552
Colombia.....	<sup>5</sup> 1,360	1,440	1,680	-----	-----	<sup>5</sup> 15.1	16.0	14.6	-----	-----	19,511	22,969	24,500	24,999
Uruguay.....	425	420	397	350	-----	12.2	10.9	13.6	10.4	-----	5,188	4,573	5,397	3,653
Estimated total <sup>6</sup> .....	24,930	22,640	21,910	22,160	19,490	-----	-----	-----	-----	-----	575,000	530,000	525,000	475,000
<b>Oceania:</b>														
Australia.....	314	298	223	182	225	22.4	25.1	28.0	28.6	26.7	7,030	7,482	6,245	5,199
New Zealand.....	7	8	7	7	7	45.4	51.8	54.0	51.0	50.0	318	414	378	357
Estimated total <sup>6</sup> .....	325	310	235	195	235	-----	-----	-----	-----	-----	7,500	8,000	6,700	5,700
Estimated world total <sup>6</sup> .....	220,420	218,290	215,040	212,010	211,280	-----	-----	-----	-----	-----	4,750,000	5,180,000	4,820,000	5,990,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which follow; thus, the crop harvested in the Northern Hemisphere in 1949 is combined with preliminary forecasts for the Southern Hemisphere harvest which began early in 1950.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Revised estimates for Northern Hemisphere countries; for the Southern Hemisphere revised preliminary forecasts.

<sup>4</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>5</sup> Average of less than 5 years.

<sup>6</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>7</sup> Estimates for reporting areas only. Allowances for non-reporting areas, not shown, are included in estimated total for Asia.

<sup>8</sup> Cultivation on European holdings only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 47.—*Corn: Utilization for grain, silage, hogging down, grazing, and forage, by States, 1948 and 1949*

State and division	1948					1949 <sup>1</sup>				
	For grain		For silage		Hog- ging down, grazing, forage acreage	For grain		For silage		Hog- ging down, grazing, forage acreage
	Acreage har- vested	Produc- tion	Acreage har- vested	Produc- tion		Acreage har- vested	Produc- tion	Acreage har- vested	Produc- tion	
	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres
Maine.....	1	34	8	68	1	1	42	9	99	1
New Hampshire.....	2	74	8	80	1	2	88	9	104	1
Vermont.....	2	88	48	480	2	2	90	53	583	2
Massachusetts.....	5	205	29	290	1	5	205	30	285	2
Rhode Island.....	1	37	6	54	0	1	38	6	54	0
Connecticut.....	7	280	36	360	2	6	240	37	388	2
New York.....	189	7,938	436	4,360	53	200	8,800	449	4,625	56
New Jersey.....	132	6,600	55	522	6	118	5,310	58	464	5
Pennsylvania.....	1,153	53,614	239	2,270	14	1,126	52,359	240	2,280	12
North Atlantic.....	1,492	68,870	865	8,484	80	1,461	67,172	891	8,882	81
Ohio.....	3,506	205,101	122	1,183	63	3,454	193,424	116	1,195	47
Indiana.....	4,665	279,900	48	432	38	4,656	242,112	62	589	33
Illinois.....	8,965	546,865	167	1,754	120	9,021	505,176	157	1,806	74
Michigan.....	1,360	53,720	258	1,909	103	1,503	72,896	215	2,021	72
Wisconsin.....	1,324	60,904	1,196	10,166	25	1,480	77,700	1,043	10,639	73
Minnesota.....	4,379	236,466	544	4,842	259	4,857	218,565	565	4,972	226
Iowa.....	10,732	649,286	179	1,969	280	10,851	531,699	203	2,071	249
Missouri.....	4,287	195,058	44	339	89	4,116	168,756	42	336	85
North Dakota.....	531	14,868	124	533	475	509	11,198	162	599	527
South Dakota.....	3,323	122,951	44	308	285	3,155	70,988	79	434	710
Nebraska.....	6,803	248,310	35	200	175	7,143	232,148	37	229	184
Kansas.....	2,318	77,653	49	294	60	2,335	67,715	88	484	101
North Central.....	52,193	2,691,082	2,810	23,929	1,972	53,080	2,392,377	2,769	25,375	2,381
Delaware.....	135	4,185	3	28	1	142	4,260	3	26	1
Maryland.....	448	17,472	35	332	5	442	16,796	36	342	5
Virginia.....	1,110	47,730	45	518	20	1,058	49,726	41	410	41
West Virginia.....	286	12,584	8	80	3	258	11,352	7	74	2
North Carolina.....	2,150	66,650	16	168	60	2,098	73,430	11	104	50
South Carolina.....	1,368	27,360	9	54	41	1,363	30,668	6	36	35
Georgia.....	2,856	44,268	9	50	308	2,990	53,820	10	60	300
Florida.....	484	4,840	6	30	201	470	6,110	6	33	215
South Atlantic.....	8,837	225,089	131	1,260	639	8,821	246,162	120	1,085	649
Kentucky.....	2,391	98,031	17	153	32	2,308	86,550	21	200	38
Tennessee.....	2,192	72,336	16	128	47	2,065	67,112	17	144	38
Alabama.....	2,578	55,427	10	50	148	2,561	53,781	5	28	170
Mississippi.....	2,187	52,488	6	39	38	2,029	46,667	6	39	40
Arkansas.....	1,266	33,549	2	10	17	1,142	27,408	2	10	38
Louisiana.....	894	16,539	2	8	26	776	17,848	2	12	24
Oklahoma.....	1,253	31,325	6	24	26	1,292	28,424	5	25	39
Texas.....	2,579	42,554	19	66	111	2,535	57,038	13	58	39
South Central.....	15,340	402,249	78	478	445	14,708	384,828	71	516	426
Montana.....	21	441	8	36	170	5	90	10	40	170
Idaho.....	19	855	7	84	2	17	799	16	192	1
Wyoming.....	10	220	6	33	40	17	340	5	22	40
Colorado.....	411	9,042	78	546	107	540	12,960	83	664	56
New Mexico.....	109	1,635	4	22	22	105	1,732	5	35	25
Arizona.....	25	312	4	30	5	27	338	3	22	5
Utah.....	2	55	15	142	6	2	72	18	162	5
Nevada.....			2	18	1			2	18	1
Washington.....	5	275	9	94	2	5	270	10	115	2
Oregon.....	11	396	12	90	7	13	488	10	80	7
California.....	30	1,095	25	275	10	32	1,184	28	308	12
Western.....	643	14,326	170	1,370	372	763	18,273	190	1,658	324
United States.....	78,505	3,401,616	4,054	35,521	3,508	78,833	3,108,812	4,041	37,516	3,861

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 48.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, North Central States and United States, 1933-50*

Year	North Central States	United States	Year	North Central States	United States
	Percent	Percent		Percent	Percent
1933.....	0.2	0.1	1942.....	73.0	46.4
1934.....	.6	.4	1943.....	78.1	52.4
1935.....	1.9	1.1	1944.....	83.5	59.2
1936.....	5.1	3.1	1945.....	88.1	64.4
1937.....	12.9	7.9	1946.....	90.8	68.6
1938.....	25.4	14.9	1947.....	92.7	72.1
1939.....	38.6	22.5	1948.....	93.8	75.5
1940.....	51.8	30.5	1949.....	94.2	77.6
1941.....	65.0	39.3	1950 <sup>1</sup> .....	94.3	77.1

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 49.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, by States, 1947-50*

State	1947	1948	1949	1950 <sup>1</sup>	State	1947	1948	1949	1950 <sup>1</sup>
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Maine.....	57.0	72.0	75.0	78.0	North Carolina.....	14.0	25.0	31.0	34.5
New Hampshire.....	62.0	75.0	80.0	82.0	South Carolina.....	16.5	14.0	22.0	28.0
Vermont.....	58.0	70.0	78.0	81.0	Georgia.....	5.0	9.5	13.0	17.0
Massachusetts.....	68.0	80.0	82.0	83.0	Florida.....	9.0	13.5	21.5	30.0
Rhode Island.....	68.0	78.0	82.0	84.0	Kentucky.....	77.0	82.0	85.0	87.5
Connecticut.....	68.0	80.0	84.0	85.0	Tennessee.....	30.0	38.0	44.0	49.0
New York.....	69.0	73.0	78.5	82.0	Alabama.....	5.5	10.0	15.0	17.5
New Jersey.....	86.0	79.5	85.0	91.5	Mississippi.....	12.0	16.5	23.0	22.5
Pennsylvania.....	80.5	84.0	87.0	88.5	Arkansas.....	46.0	51.0	55.5	60.0
Ohio.....	97.5	98.0	98.5	98.5	Louisiana.....	15.0	17.5	23.5	30.0
Indiana.....	99.0	99.0	99.0	99.0	Oklahoma.....	40.5	54.0	56.5	60.5
Illinois.....	99.5	99.5	100.0	100.0	Texas.....	35.5	50.5	51.0	57.0
Michigan.....	87.5	88.5	87.0	88.0	Montana.....	15.0	19.0	20.0	28.0
Wisconsin.....	92.0	93.5	94.0	95.5	Idaho.....	60.5	67.0	70.5	71.5
Minnesota.....	94.0	94.5	96.0	97.0	Wyoming.....	8.0	8.0	10.0	12.5
Iowa.....	100.0	100.0	100.0	100.0	Colorado.....	34.0	53.0	64.0	56.0
Missouri.....	93.0	95.0	96.0	97.0	New Mexico.....	9.5	8.5	10.5	15.0
North Dakota.....	48.0	48.5	52.5	53.5	Arizona.....	3.5	3.5	3.5	3.5
South Dakota.....	70.0	71.5	74.0	74.0	Utah.....	62.0	65.0	67.5	72.5
Nebraska.....	93.0	93.5	94.5	94.0	Nevada.....	45.5	45.5	45.5	51.0
Kansas.....	79.5	83.5	82.0	85.5	Washington.....	69.0	73.0	75.0	81.0
Delaware.....	75.5	86.0	89.5	90.0	Oregon.....	73.5	77.0	79.5	79.5
Maryland.....	90.0	90.5	91.5	92.5	California.....	41.5	48.5	77.0	84.0
Virginia.....	67.5	76.5	76.0	78.0					
West Virginia.....	57.0	64.0	67.5	67.5	United States.....	72.1	75.5	77.6	77.1

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for earlier years in Agricultural Statistics, 1949, table 49; Agricultural Statistics, 1948, table 50; Agricultural Statistics, 1947, table 48, and Agricultural Statistics, 1946, table 46.

TABLE 50.—*Corn: Production and farm disposition, United States, 1909-49*

Crop of—	Production for all purposes	Farm disposition			Crop of—	Production for all purposes	Farm disposition		
		Used on farms where grown		Sold			Used on farms where grown		Sold
		Feed and seed	For farm household use				Feed and seed	For farm household use	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1909.....	2,611,157	2,036,501	32,754	541,902	1930.....	2,080,130	1,711,980	31,382	336,768
1910.....	2,852,794	2,253,008	33,685	566,101	1931.....	2,575,927	2,084,735	33,673	457,519
1911.....	2,474,635	1,986,617	33,295	454,723	1932.....	2,930,352	2,329,608	34,189	566,555
1912.....	2,947,842	2,358,414	33,277	556,151	1933.....	2,397,593	1,918,939	34,039	444,615
1913.....	2,272,540	1,879,024	33,061	360,455	1934.....	1,448,920	1,262,436	33,438	153,046
1914.....	2,523,750	2,035,177	32,531	456,042	1935.....	2,299,363	1,870,980	32,974	395,409
1915.....	2,829,044	2,282,517	35,076	511,451	1936.....	1,505,689	1,258,945	30,288	216,456
1916.....	2,425,206	1,972,643	34,447	418,116	1937.....	2,642,978	2,048,035	28,843	566,100
1917.....	2,908,242	2,254,267	37,522	616,453	1938.....	2,548,753	1,945,469	28,051	575,233
1918.....	2,441,249	2,022,009	36,530	382,710	1939.....	2,580,985	1,973,429	25,904	581,652
1919.....	2,678,541	2,168,308	35,611	474,622	1940.....	2,457,146	1,945,331	25,192	486,623
1920.....	3,070,604	2,328,667	34,171	707,766	1941.....	2,651,889	2,087,392	23,099	541,398
1921.....	2,928,442	2,289,239	36,828	602,375	1942.....	3,068,562	2,467,617	21,583	579,362
1922.....	2,707,306	2,174,168	34,296	498,842	1943.....	2,965,980	2,392,950	21,053	551,977
1923.....	2,875,292	2,253,495	32,290	589,507	1944.....	3,088,110	2,366,274	19,486	702,350
1924.....	2,223,123	1,773,592	31,061	418,470	1945.....	2,880,933	2,256,332	18,647	605,954
1925.....	2,798,367	2,183,516	31,184	583,667	1946.....	3,249,950	2,404,583	17,171	828,196
1926.....	2,546,972	2,054,009	30,981	461,982	1947.....	2,383,970	1,855,223	17,061	511,686
1927.....	2,616,120	2,063,104	31,572	521,444	1948.....	3,681,793	2,588,541	17,161	1,076,091
1928.....	2,665,516	2,135,618	31,570	498,328	1949 <sup>1</sup> .....	3,377,790	2,416,470	16,715	944,605
1929.....	2,515,937	2,044,545	30,865	440,527					

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 51.—*Corn processed and sales of specified products by the wet-process industry, United States, 1940-49*

Year	Wet-process grindings	Products sold							
		Corn starch	Corn sugar	Corn sirup, unmixed <sup>1</sup>	Dextrines	Corn oil		Feed	
						Crude	Refined	Gluten feed and meal	Corn-oil meal
	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1940.....	81,727	1,083,643	470,469	1,178,236	98,947	28,859	130,807	624	30
1941.....	110,293	1,530,986	657,454	1,251,212	145,817	25,271	142,026	819	39
1942.....	130,330	1,546,979	770,684	2,025,352	134,678	35,284	206,123	1,013	55
1943.....	128,455	1,530,649	722,420	1,799,809	188,435	56,659	165,064	914	63
1944.....	119,928	1,240,483	684,803	1,816,326	169,790	40,134	146,526	827	55
1945.....	119,053	1,237,602	665,459	1,837,902	148,975	29,183	144,543	824	54
1946.....	120,611	1,282,726	647,902	1,837,280	140,630	30,561	136,778	872	59
1947.....	139,273	1,508,289	785,293	1,983,006	162,429	40,630	181,226	1,015	63
1948.....	109,878	1,388,719	711,764	1,333,378	157,598	27,281	151,218	781	59
1949 <sup>2</sup> .....	116,174	1,499,193	737,652	1,417,328	158,591	36,213	172,698	817	51

<sup>1</sup> Includes corn sirup, unmixed, sold to mixers outside of the wet-process industry, and the quantity used by the wet-process industry in its mixed sirups.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from reports of Price, Waterhouse, and Co., New York. Data for 1930-39 in Agricultural Statistics, 1940, tables 63 and 64.



TABLE 52.—*Corn: Production and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948				Crop of 1949 <sup>1</sup>			
	Production for all purposes	Farm disposition		Sold	Production for all purposes	Farm disposition		Sold
		Used on farms where grown				Used on farms where grown		
		Feed and seed	For farm household use			Feed and seed	For farm household use	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
Maine.....	340	338	1	1	462	460	1	1
New Hampshire.....	407	404	1	2	528	525	1	2
Vermont.....	2,288	2,286	1	1	2,565	2,562	1	2
Massachusetts.....	1,435	1,428	1	6	1,517	1,510	1	6
Rhode Island.....	259	257		2	266	264		2
Connecticut.....	1,800	1,793	1	6	1,800	1,793	1	6
New York.....	27,120	26,638	6	476	29,610	28,987	7	616
New Jersey.....	9,650	8,392	4	1,254	8,145	7,080	3	1,062
Pennsylvania.....	65,379	54,578	78	10,723	64,077	54,052	77	9,948
Ohio.....	215,924	166,601	99	49,224	202,552	157,962	102	44,488
Indiana.....	285,060	209,419	68	75,573	247,052	179,193	68	67,791
Illinois.....	564,372	296,375	33	267,964	518,112	270,543	33	247,536
Michigan.....	67,119	58,514	10	8,595	85,920	71,331	10	14,579
Wisconsin.....	113,252	106,531	22	6,699	129,800	118,512	22	11,266
Minnesota.....	272,055	172,718	21	99,316	248,512	169,807	22	78,683
Iowa.....	677,056	462,773	19	214,264	553,847	399,636	18	154,193
Missouri.....	201,110	162,002	96	39,012	173,963	135,056	93	38,814
North Dakota.....	29,380	26,106	3	3,271	23,361	20,670	3	2,688
South Dakota.....	131,472	82,282	10	49,180	82,824	55,840	9	26,975
Nebraska.....	252,468	145,677	18	106,773	239,330	134,845	18	104,467
Kansas.....	81,304	54,114	11	27,179	73,196	49,485	11	23,700
Delaware.....	4,309	2,837	7	1,465	4,380	3,095	7	1,278
Maryland.....	19,032	14,094	46	4,892	18,354	13,605	46	4,703
Virginia.....	50,525	38,249	1,298	10,978	53,580	41,386	1,254	10,940
West Virginia.....	13,068	11,600	273	1,195	11,748	10,360	253	1,135
North Carolina.....	69,006	55,073	1,936	11,997	75,565	59,693	1,920	13,952
South Carolina.....	28,360	23,837	1,240	3,283	31,590	26,056	1,240	4,294
Georgia.....	49,182	40,022	2,520	6,640	59,400	48,199	2,590	8,611
Florida.....	6,910	6,187	336	387	8,983	7,975	336	672
Kentucky.....	100,040	78,373	1,080	20,587	88,762	72,273	910	15,579
Tennessee.....	74,415	59,745	1,650	13,020	68,900	56,532	1,630	10,738
Alabama.....	58,824	47,987	2,800	8,037	57,456	46,241	2,610	8,605
Mississippi.....	53,544	46,883	2,200	4,461	47,725	41,325	2,200	4,200
Arkansas.....	34,052	29,055	300	4,697	28,368	25,083	270	3,015
Louisiana.....	17,057	15,141	262	1,654	18,446	16,488	262	1,696
Oklahoma.....	32,125	25,407	140	6,578	29,392	23,283	140	5,969
Texas.....	44,698	33,184	450	11,064	58,208	41,817	420	15,971
Montana.....	3,781	3,741		40	1,572	1,562		10
Idaho.....	1,260	995		265	1,598	1,358		240
Wyoming.....	1,008	999		9	1,085	1,037		48
Colorado.....	14,304	10,052	2	4,250	17,314	12,387	2	4,928
New Mexico.....	1,890	1,523	24	343	2,160	1,790	24	346
Arizona.....	408	270	94	44	420	269	100	51
Utah.....	621	615		6	900	891		9
Nevada.....	81	81			90	90		
Washington.....	848	820		28	884	860		24
Oregon.....	1,050	1,002		48	1,095	1,036		59
California.....	2,145	1,543		602	2,376	1,666		710
United States.....	3,681,793	2,588,541	17,161	1,076,091	3,377,790	2,416,470	16,715	944,605

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 53.—*Corn: Stocks on and off farms, United States, 1940-50*

Year	On farms				Off farms <sup>2</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	1,908,654	1,267,342	846,966	541,444	-----	-----	-----	-----
1941.....	1,835,888	1,198,382	754,527	473,540	-----	-----	-----	-----
1942.....	2,002,290	1,281,682	757,779	422,026	-----	-----	-----	-----
1943.....	2,214,310	1,357,384	791,039	355,224	-----	114,797	40,021	28,877
1944.....	1,932,862	1,073,102	551,672	202,670	52,923	48,141	34,410	28,325
1945.....	2,066,986	1,289,536	718,261	293,419	56,539	65,880	35,854	21,891
1946.....	1,858,960	1,032,856	496,928	153,003	45,136	58,270	35,229	19,923
1947.....	2,136,640	1,276,329	677,375	254,210	71,651	81,769	39,634	31,384
1948.....	1,506,283	842,608	423,006	114,035	49,221	39,967	31,275	11,351
1949.....	2,547,912	1,797,522	1,255,166	708,443	93,418	57,195	37,589	116,874
1950 <sup>3</sup> .....	2,401,279	1,634,182	1,058,468	-----	400,602	379,314	362,503	-----

<sup>1</sup> Includes old crop only.<sup>2</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1927-39, in Agricultural Statistics, 1943, table 40.

TABLE 54.—*Corn: Supply and distribution, United States, 1940-49*

## SUPPLY

Year beginning October—	Carry-over, October 1					Production for all purposes	Imports <sup>3</sup>	Total supply
	Farm	Terminal market	Owned by Government <sup>1</sup>	Interior mill, elevator, and warehouse <sup>2</sup>	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	541,444	41,179	105,000	-----	687,623	2,457,146	1,269	3,146,038
1941.....	473,540	39,137	132,000	-----	644,677	2,651,889	565	3,297,131
1942.....	422,026	38,641	30,021	-----	490,688	3,068,562	407	3,559,657
1943.....	355,224	7,452	477	20,948	384,101	2,965,980	3,688	3,353,769
1944.....	202,670	7,478	534	20,313	230,995	3,088,110	6,065	3,325,170
1945.....	293,419	4,674	19	17,198	315,310	2,880,933	595	3,196,838
1946.....	153,003	4,944	-----	14,979	172,926	3,249,950	560	3,423,436
1947.....	254,210	7,910	-----	23,474	285,594	2,383,970	698	2,670,262
1948.....	114,035	1,522	-----	9,829	125,386	3,681,793	724	3,807,903
1949 <sup>4</sup> .....	708,443	9,614	67,640	39,620	825,317	3,377,790	-----	-----

## DISTRIBUTION

Year beginning October—	Dry-processing products			Wet-process products <sup>7</sup>	Alcohol and distilled spirits <sup>8</sup>	Seed <sup>9</sup>	Feed, other uses, and waste <sup>10</sup>	Exports <sup>3</sup>	Total disappearance	Domestic disappearance <sup>11</sup>	Stocks, end of year
	Break-fast foods <sup>5</sup>	Farm household use	Corn-meal, grits, etc. <sup>6</sup>								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	9,000	25,192	55,594	100,750	25,731	12,715	2,257,825	14,554	2,501,361	2,486,512	644,677
1941.....	10,000	23,099	60,000	127,051	54,652	12,371	2,499,664	19,006	2,806,443	2,786,445	490,688
1942.....	11,000	21,583	67,000	128,002	41,584	13,140	2,909,390	4,805	3,196,504	3,191,328	13,363,153
1943.....	12,000	21,053	69,000	120,934	10,482	13,298	2,866,010	9,997	3,122,774	3,112,505	230,995
1944.....	12,000	19,486	70,000	124,589	36,986	12,498	2,717,690	16,611	3,009,860	2,992,732	315,310
1945.....	11,000	18,647	61,000	111,732	27,513	12,506	2,761,640	<sup>13</sup> 19,874	3,023,912	3,001,964	172,926
1946.....	10,600	17,171	72,000	143,457	55,294	11,994	2,700,586	<sup>12</sup> 126,740	3,137,842	3,009,156	285,594
1947.....	10,500	17,061	63,000	110,217	30,426	12,094	2,294,789	<sup>13</sup> 6,789	2,544,876	2,535,358	125,386
1948 <sup>4</sup> .....	10,000	17,161	68,000	117,009	30,260	11,774	2,617,311	<sup>13</sup> 111,071	2,982,586	2,870,346	825,317

See footnotes on bottom of next page.

TABLE 55.—*Corn, shelled: Receipts graded by licensed inspectors, by grade, United States, 1939-48*

Year beginning November—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 3 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1939.....	226,779	110,688	35,032	8,667	1,911	3,414	386,491	96
1940.....	104,871	101,669	85,171	59,688	21,183	13,182	385,764	76
1941.....	152,142	141,809	82,312	73,617	20,793	12,055	482,728	78
1942.....	77,443	151,607	104,655	77,160	27,939	14,526	453,330	74
1943.....	31,647	76,091	78,390	71,169	42,610	29,229	329,136	57
1944.....	21,089	101,667	122,089	125,458	99,472	94,353	564,128	43
1945 <sup>1</sup> .....	54,903	81,062	69,931	81,626	63,922	64,113	415,557	50
1946 <sup>1</sup> .....	42,523	181,982	174,769	188,409	114,038	83,040	784,761	51
1947 <sup>1</sup> .....	75,350	78,785	71,942	74,228	49,851	18,527	368,683	61
1948 <sup>1</sup> .....	72,278	194,484	143,595	128,378	70,231	38,178	647,144	63

<sup>1</sup> Year beginning October.

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1939-43 and 1,700 bushels for the years 1944-48.

TABLE 56.—*Corn: Average price per bushel, selected grades and markets, 1939-48*

Year beginning October—	No. 3 Yellow <sup>1</sup>					No. 2 Yellow, San Francisco <sup>2</sup>	Yellow corn, Argentina <sup>3</sup>	No. 3 White, Kansas City <sup>1</sup>
	Chicago	Kansas City	Minne- apolis	Omaha	St. Louis			
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1939.....	54.3	57.2	52.8	54.3	55.6	86.0	39	63.5
1940.....	66.9	59.0	63.8	57.6	64.3	89.8	<sup>4</sup> 24	61.5
1941.....	79.3	77.9	73.5	73.3	79.9	102.2	<sup>5</sup> 31	87.3
1942.....	90.8	89.7	94.4	84.4	90.6	122.8	40	104.9
1943.....	114.3	112.7	112.4	108.5	-----	141.1	41	127.2
1944.....	115.2	109.6	111.0	107.0	114.8	140.5	54	118.2
1945.....	194.0	136.6	158.6	137.7	196.3	168.0	114	156.2
1946.....	180.4	153.4	168.1	165.4	159.5	207.1	96	171.3
1947.....	232.9	243.7	229.0	233.7	235.6	261.0	<sup>6</sup> 83	263.6
1948 <sup>7</sup> .....	138.2	133.8	128.6	129.5	138.4	172.0	-----	144.1

<sup>1</sup> Average of daily prices weighted by carlot sales, as reported in trade papers published at the various markets.<sup>2</sup> Average of bulk-of-sales price for 1 day each week, compiled by Production and Marketing Administration.<sup>3</sup> Compiled from Boletín Estadístico, Banco Central De La Republica Argentina, Buenos Aires (monthly). Prices converted to cents per bushel of 56 pounds at current monthly rates of exchange as reported by the Federal Reserve Board.<sup>4</sup> 2-month average. <sup>5</sup> 5-month average. <sup>6</sup> 9-month average. <sup>7</sup> Preliminary. Bureau of Agricultural Economics.

## FOOTNOTES FOR TABLE 54:

<sup>1</sup> In bins or other storage owned or controlled by Commodity Credit Corporation; additional Government stocks are included in reports for other positions.<sup>2</sup> Not available prior to 1943.<sup>3</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of cornmeal and flour; exports are grain only. Imports exclude small quantities of cracked corn.<sup>4</sup> Preliminary.<sup>5</sup> Estimated quantities (based on census data) used in making prepared breakfast foods.<sup>6</sup> Estimated quantities used in producing cornmeal, flour, hominy grits, and flakes for human food and for the production of fermented malt liquors. Based on reports of the Bureau of the Census and the Bureau of Internal Revenue. Does not include corn processed for livestock feed.<sup>7</sup> Starch, sirup, sugar, etc. Compiled from data of Price, Waterhouse, and Company, New York.<sup>8</sup> Compiled from data of the Bureau of Internal Revenue. Does not include corn products used in the production of fermented malt liquors.<sup>9</sup> Based on acreage planted to corn the following year.<sup>10</sup> Residual, mostly feed.<sup>11</sup> Total disappearance, minus exports of corn and grain equivalent of cornmeal and flour.<sup>12</sup> Stocks at the end of the 1942-43 marketing year, excluding grain at interior mills, elevators, and warehouses, are used in computing 1942-43 disappearance.<sup>13</sup> Includes exports for military civilian-feeding abroad.

Bureau of Agricultural Economics.

TABLE 57.—*Corn futures: Volume of trading by contract markets, and annual average of month-end open contracts on all markets combined, 1940-49*

Year beginning October—	Volume of trading						Average of open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Kansas City Board of Trade	Milwaukee Grain Exchange	Minne- apolis Grain Exchange	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1940.....	744.9	5.4	15.7	0.4	12.0	778.4	25.9
1941.....	1,262.1	14.4	63.0	1.1	6.9	1,347.5	59.2
1942 <sup>1</sup> .....	477.1	5.1	31.1	.3	8.0	521.6	39.3
1943 <sup>2</sup> .....	30.5	.3	5.8	( <sup>3</sup> )	( <sup>3</sup> )	36.6	19.0
1944.....	477.4	5.7	31.3	.5	( <sup>3</sup> )	514.9	21.8
1945.....	168.7	5.8	1.5	-----	-----	176.3	13.6
1946.....	3,651.5	167.6	53.5	2.0	-----	3,874.6	46.9
1947.....	3,543.2	143.9	5.6	4.1	-----	3,696.8	52.2
1948.....	2,885.8	72.9	2.0	2.2	( <sup>3</sup> )	2,962.9	54.8
1949 <sup>4</sup> .....	1,722.6	21.8	.1	.9	( <sup>3</sup> )	1,745.4	49.8

<sup>1</sup> Trading suspended on all contract markets, June 25, 1943.<sup>2</sup> Trading resumed Aug. 30, 1944, on the Kansas City Board of Trade; Sept. 14, 1944, on the Chicago Board of Trade, Chicago Open Board of Trade, and Minneapolis Grain Exchange, and Sept. 15, 1944, on the Milwaukee Grain Exchange.<sup>3</sup> Less than 50,000 bushels.<sup>4</sup> 2-month average for Kansas City Board of Trade and September 30 figures for all other markets.<sup>5</sup> Through August 1950.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 58.—*Corn futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1940-49*

Year beginning October—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	Cents			Cents		
1940.....	91½	Sept. 12	1942 May	57½	Oct. 4	1940 Dec.
1941.....	99	{ July 14 July 15 }	1943 May	66½	Oct. 16	1941 Dec.
1942 <sup>1</sup> .....	105	( <sup>2</sup> )	1943 May			
1943 <sup>3</sup> .....	116	Sept. 25	1943 July	78½	Oct. 29	1942 Dec.
1944.....	118½	( <sup>2</sup> )	1943 Sept.			
			1944 Dec.	103½	Sept. 22	1945 July
			1945 May			
			1945 July			
			1945 Sept.	102½	{ Mar. 27 Mar. 31 }	{ 1945 Dec.
			1945 Dec.			
			1946 May			
1945.....	173	July 15	1947 Jan.			
1946.....	265¾	Sept. 15	1947 Mar.	114½	Oct. 4	1946 July
1947.....	270¾	Jan. 16	1947 Sept.	122¾	Jan. 27	1947 Sept.
1948.....	152½	Nov. 26	1948 May	135½	Sept. 27	1948 Dec.
1949 <sup>4</sup> .....	157¾	July 21	1949 May	100½	Feb. 9	1949 Dec.
			1950 July	110¾	Feb. 2	1950 Dec.

<sup>1</sup> October 1942-June 25, 1943 only. Trading suspended June 25, 1943.<sup>2</sup> On regular trades. Under special regulations, high of 107 permitted for certain trades in connection with cash transactions and settlement of contracts.<sup>3</sup> On numerous dates from March through June for the September future, April through June for the July future, and in April and May for the May future.<sup>4</sup> Sept. 14-30, 1944, only. Trading resumed Sept. 14, 1944.<sup>5</sup> On numerous dates between May 15 and August 2.<sup>6</sup> Through August 1950.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade. Data for 1929-39 in Agricultural Statistics, 1945, table 58. Highest and lowest prices during the period Oct. 1, 1909 through June 30, 1950: High, \$2.70½, May future, Jan. 16, 1948; low, \$0.20½, Dec. future, Dec. 23, 1932.

TABLE 59.—Oats: Acreage, yield, production, value, and foreign trade, United States, 1929-49

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning July <sup>2</sup>	Foreign trade, including meal, year beginning July <sup>3</sup>		
								Domestic exports	Imports <sup>4</sup>	Net exports or imports (-) <sup>5</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929	—	38,466	29.7	992,747	—	—	—	—	—	—
1929	40,634	38,153	29.2	1,112,949	41.8	465,717	45	7,966	175	7,680
1930	42,608	39,847	32.0	1,274,592	32.2	409,990	36	3,123	659	2,464
1931	44,483	40,193	28.0	1,124,232	21.3	239,150	22	4,437	85	4,352
1932	45,549	41,700	30.1	1,254,584	15.7	196,383	19	5,361	28	5,333
1933	43,774	36,528	20.2	736,309	33.5	246,351	36	1,405	154	1,251
1934	—	24,589	18.7	458,780	—	—	—	—	—	—
1934	40,467	29,455	18.5	544,247	48.1	261,548	48	1,147	15,645	-14,498
1935	43,599	40,109	30.2	1,210,229	26.4	319,560	29	1,430	110	1,320
1936	41,934	33,654	23.6	792,583	44.9	355,941	43	912	208	704
1937	39,827	35,542	33.1	1,176,744	30.2	355,482	32	12,331	23	12,308
1938	39,390	36,042	30.2	1,089,383	23.8	258,773	28	5,106	1,025	4,081
1939	—	29,883	29.1	870,258	—	—	—	—	—	—
1939	38,203	33,460	28.6	957,704	31.0	297,354	36	1,393	10,609	-9,216
1940	39,315	35,431	35.2	1,246,450	30.3	377,319	35	1,256	10,224	-8,968
1941	41,841	38,161	31.0	1,182,509	41.1	485,659	47	4,775	1,389	3,469
1942	43,018	38,197	35.2	1,342,681	48.8	655,738	51	3,184	58,788	-55,604
1943	43,467	38,914	29.3	1,139,831	72.2	823,297	75	3,462	81,373	-77,914
1944	—	36,425	29.4	1,041,119	—	—	—	—	—	—
1944	43,804	39,672	29.0	1,149,260	70.9	815,389	73	5,016	68,671	-63,654
1945	45,889	41,933	36.6	1,535,676	66.7	1,024,799	66	21,244	24,062	-2,818
1946	46,549	43,205	34.7	1,497,904	81.0	1,213,755	89	25,954	967	24,987
1947	42,301	38,451	31.2	1,199,422	105.0	1,257,043	105	20,737	1,672	19,065
1948	44,526	40,198	37.1	1,493,304	72.7	1,085,319	74	25,128	19,274	5,854
1949 <sup>6</sup>	44,525	40,560	32.6	1,322,924	64.3	850,860	70	—	—	—

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Compiled from Chicago Daily Trade Bulletin, through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily quotations for No. 3 white, weighted by carlot sales.

<sup>3</sup> Compiled from reports of the Department of Commerce. Oatmeal converted to grain equivalent on the basis of 1 bushel of grain to 18 pounds of meal through December 1942, and 13.17 pounds of meal thereafter.

<sup>4</sup> Oats: general imports, 1929-32; imports for consumption, beginning 1933. Oatmeal: imports for consumption during entire period. Includes "oats, unhulled, ground," beginning 1934.

<sup>5</sup> Total exports (domestic plus foreign) minus imports, 1929-32; beginning 1933, domestic exports minus imports for consumption. Net imports shown by a minus sign.

<sup>6</sup> Includes shipments under the Army Civilian Supply Program, beginning July 1946, and continuing in later years.

<sup>7</sup> Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries, valued at the average loan rate per bushel.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 86.

TABLE 60.—Oats: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49<sup>1</sup>

Continent and country	Acreage <sup>2</sup>					Yield per acre <sup>4</sup>					Production				
	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada <sup>5</sup> .....	13,246	13,614	11,048	11,200	11,389	25.5	34.1	25.2	32.0	27.8	338,071	463,944	278,670	358,807	316,558
Mexico.....	29	87	108	81	148	16.0	19.5	21.1	15.1	20.0	465	1,699	2,275	1,226	2,962
United States.....	35,761	38,075	38,451	40,198	40,560	29.2	31.8	31.2	37.1	32.6	1,045,329	1,212,146	1,199,422	1,493,304	1,322,924
Estimated total <sup>6</sup> .....	49,040	51,780	49,610	51,480	52,100	-----	-----	-----	-----	-----	1,384,000	1,678,000	1,480,000	1,853,000	1,642,000
Europe:															
Austria.....	686	567	550	555	565	41.9	37.0	30.0	34.2	38.9	28,746	21,000	16,500	19,000	22,000
Belgium.....	548	390	618	515	480	74.7	70.2	67.2	70.9	84.3	40,946	27,367	41,500	36,500	40,447
Bulgaria.....	362	401	410	-----	-----	24.9	21.4	-----	-----	-----	9,000	8,586	-----	-----	-----
Czechoslovakia.....	1,830	1,680	1,510	1,511	1,421	46.4	45.1	35.4	41.4	48.6	85,000	75,800	53,500	62,500	69,000
Denmark.....	932	843	847	815	761	75.3	76.1	70.9	83.5	88.9	70,205	64,112	60,068	68,067	67,654
Finland.....	1,030	926	975	1,050	1,075	43.7	34.6	32.4	43.8	41.4	45,000	32,027	31,600	46,000	44,500
France.....	8,089	6,300	6,451	6,026	5,871	40.7	35.7	32.0	38.6	36.7	329,304	225,000	206,500	232,860	215,362
Germany.....	5,200	-----	-----	-----	-----	60.6	-----	-----	-----	-----	315,000	-----	-----	-----	-----
Greece.....	350	349	-----	355	316	24.3	20.1	-----	21.0	21.1	8,510	7,025	-----	7,468	6,669
Hungary.....	558	660	600	-----	-----	35.9	36.4	25.0	-----	-----	20,042	24,000	15,000	-----	-----
Ireland.....	571	844	826	880	725	68.8	62.2	55.3	63.0	55.2	39,265	52,535	45,698	55,447	40,000
Italy.....	1,062	1,690	1,187	1,175	1,156	35.9	20.4	27.2	30.6	25.5	38,150	34,400	32,263	36,000	29,500
Luxembourg.....	65	56	60	52	51	44.8	45.9	41.2	39.5	46.0	2,910	2,572	2,469	2,053	2,344
Netherlands.....	360	291	404	350	333	71.6	62.8	57.0	62.2	87.7	25,769	18,287	23,011	21,761	29,200
Norway.....	212	226	187	182	208	61.0	49.1	48.5	67.0	55.0	12,940	11,094	9,062	12,189	11,443
Poland.....	4,900	-----	-----	-----	-----	41.6	-----	-----	-----	-----	204,000	-----	-----	-----	-----
Portugal.....	865	-----	725	727	800	12.0	-----	11.0	9.4	9.4	10,350	-----	7,948	6,852	7,520
Rumania.....	1,620	1,340	-----	-----	-----	23.1	24.2	-----	-----	-----	37,500	32,400	-----	-----	-----
Spain.....	1,848	1,800	1,550	1,670	1,670	21.3	21.1	18.1	21.9	21.0	39,369	38,000	28,000	36,500	35,000
Sweden.....	1,641	1,476	1,308	1,210	1,246	53.1	39.4	35.7	45.1	47.1	87,198	58,136	46,722	54,601	58,629
Switzerland.....	28	83	85	82	77	56.9	66.3	60.2	54.9	61.4	1,593	5,505	5,119	4,499	4,726
United Kingdom.....	2,430	3,764	3,308	3,335	3,251	57.0	58.4	53.1	62.2	63.2	138,628	219,926	175,630	207,410	205,310
Yugoslavia.....	893	850	-----	-----	-----	24.5	22.5	-----	-----	-----	21,900	19,010	-----	-----	-----
Estimated total <sup>6</sup> .....	36,110	34,920	32,780	32,140	31,960	-----	-----	-----	-----	-----	1,612,000	1,465,000	1,185,000	1,360,000	1,385,000
U. S. S. R. (Europe and Asia).....	49,500	-----	35,500	36,500	37,000	23.5	-----	24.2	21.4	20.9	1,165,000	-----	860,000	780,000	775,000
Asia:															
Syria.....	<sup>8</sup> 24	-----	-----	690	560	<sup>8</sup> 27.6	-----	-----	-----	-----	<sup>8</sup> 662	-----	-----	-----	-----
Turkey.....	636	871	670	2,309	2,322	26.6	21.6	18.1	30.4	21.4	16,893	18,779	12,126	21,000	12,000
China.....	<sup>9</sup> 2,600	-----	2,329	195	188	<sup>9</sup> 23.1	-----	20.8	23.7	21.5	<sup>9</sup> 60,000	-----	48,429	54,802	50,000
Japan.....	310	324	185	-----	-----	37.0	30.4	25.0	31.8	31.9	11,481	9,838	4,616	6,200	5,994
Korea.....	<sup>9</sup> 242	-----	-----	-----	-----	<sup>9</sup> 11.2	-----	-----	-----	-----	<sup>9</sup> 2,718	-----	-----	-----	-----
Estimated total <sup>6</sup> .....	4,101	4,650	3,930	3,940	3,860	-----	-----	-----	-----	-----	96,000	104,000	79,000	96,000	82,000

<b>Africa:</b>														
Algeria.....	465	544	400	412	452	23.4	19.2	13.8	25.5	25.1	10,859	10,470	5,500	11,354
French Morocco.....	104	91	95	107	114	26.5	25.7	25.2	23.6	29.1	2,751	2,339	2,391	3,321
Tunisia.....	84	79	60	60	74	19.9	17.6	10.0	9.2	23.3	1,674	1,390	600	1,722
Union of South Africa.....	9 544		800	600		9 13.3		12.5	11.2		6,966	7,238	10,000	6,722
Estimated total <sup>6</sup> .....	1,210	1,440	1,370	1,210	1,360						22,000	22,000	19,000	25,000
<b>South America:</b>														
Argentina.....	1,974	1,855	1,648	1,700	1,650	25.4	26.7	29.1	28.2	27.3	50,182	49,507	48,000	45,000
Chile.....	279	218	233	244	225	27.5	27.1	24.7	24.1	20.0	7,670	5,900	5,749	4,500
Uruguay.....	213	224	140	180	265	14.6	12.5	18.5	18.8	16.9	3,100	2,790	2,589	4,478
Estimated total <sup>6</sup> .....	2,490	2,320	2,060	2,160	2,180						62,000	59,000	57,000	55,000
<b>Oceania:</b>														
Australia.....	1,593	1,626	2,105	1,770	1,850	14.7	12.4	24.2	16.7	17.3	23,351	20,179	50,871	32,000
New Zealand.....	63	63	63	78	63	56.2	61.2	56.6	69.6	51.6	3,539	3,853	3,567	3,250
Total.....	1,656	1,689	2,168	1,848	1,913						26,890	24,032	54,438	35,250
Estimated world total <sup>6</sup> .....	144,020	141,200	127,420	129,280	130,370						4,368,000	4,305,000	3,735,000	4,205,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1949 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1949 and ended early in 1950.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere, revised preliminary forecasts.

<sup>4</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>6</sup> Production and yield reported in bushels of 34 pounds.

<sup>6</sup> Estimated totals, which in the case of production are rounded to million, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>7</sup> Figure for 1935 only.

<sup>8</sup> Includes estimate for Lebanon.

<sup>9</sup> Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 61.—Oats: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948 <sup>3</sup>	1949 <sup>2,3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	97	77	107	89	68	95	3,339	2,924	3,990	74	82	74
New Hampshire.....	14	12	12	7	6	5	249	240	185	83	99	99
Vermont.....	75	65	76	46	40	38	1,607	1,480	1,178	84	99	99
Massachusetts.....	15	15	16	6	8	8	194	272	248	84	100	99
Rhode Island.....	4	3	3	1	1	1	31	33	30	84	100	99
Connecticut.....	16	14	17	5	5	6	170	185	222	84	100	99
New York.....	797	760	851	739	708	779	23,767	28,320	22,591	68	81	76
New Jersey.....	53	46	52	45	41	44	1,299	1,435	1,496	66	87	77
Pennsylvania.....	865	798	862	825	767	821	25,294	29,146	24,630	68	84	75
North Atlantic.....	1,934	1,790	1,996	1,763	1,644	1,797	55,849	64,035	54,570	69.1	83.2	76.2
Ohio.....	1,148	1,226	1,373	1,092	1,202	1,334	40,495	54,090	48,024	62	77	67
Indiana.....	1,387	1,341	1,502	1,278	1,313	1,450	42,807	56,459	55,825	58	71	61
Illinois.....	3,532	3,908	3,986	3,401	3,853	3,930	130,320	181,091	168,990	57	71	62
Michigan.....	1,377	1,508	1,614	1,326	1,472	1,575	49,818	56,672	56,700	61	73	65
Wisconsin.....	2,638	2,942	3,030	2,555	2,867	2,924	103,365	126,148	119,894	60	74	66
Minnesota.....	4,557	4,908	5,027	4,452	4,855	4,952	163,830	206,338	178,272	52	65	58
Iowa.....	5,454	6,199	6,417	5,266	6,086	6,269	183,472	273,870	238,222	55	69	62
Missouri.....	2,139	2,142	2,121	1,824	1,767	1,802	45,128	48,592	43,248	58	78	64
North Dakota.....	2,247	2,238	1,858	2,092	2,152	1,700	61,270	60,256	36,550	47	59	52
South Dakota.....	2,632	3,165	3,102	2,484	3,112	2,956	77,963	104,252	67,988	49	62	56
Nebraska.....	2,151	2,766	2,489	1,972	2,598	2,260	53,767	72,744	49,720	52	68	63
Kansas.....	1,686	1,616	1,034	1,499	1,144	881	36,391	26,312	18,942	57	80	69
North Central.....	30,949	33,959	33,553	29,241	32,421	32,033	988,625	1,266,824	1,082,365	55.0	69.2	61.6
Delaware.....	6	6	7	4	5	6	124	175	180	72	94	76
Maryland.....	44	47	54	38	40	48	1,152	1,340	1,584	71	92	77
Virginia.....	156	178	192	125	146	155	3,200	4,891	4,650	73	94	72
West Virginia.....	93	75	83	73	60	63	1,772	1,740	1,606	75	104	85
North Carolina.....	391	356	495	305	270	370	8,226	7,965	11,100	76	105	80
South Carolina.....	708	606	721	633	528	634	15,462	12,144	16,484	73	109	85
Georgia.....	757	710	832	582	528	591	13,097	13,728	14,775	76	105	84
Florida.....	79	144	137	23	21	18	401	399	288	97	169	139
South Atlantic.....	2,235	2,122	2,521	1,784	1,598	1,885	43,435	42,382	50,667	74.7	105	82.4
Kentucky.....	127	145	187	88	102	128	1,940	2,754	3,328	71	99	84
Tennessee.....	237	277	349	166	205	254	4,069	6,048	6,350	76	100	79
Alabama.....	270	311	277	203	217	180	4,500	5,750	4,230	83	117	97
Mississippi.....	354	402	302	306	333	226	9,708	10,989	6,893	70	104	87
Arkansas.....	412	451	406	269	283	246	7,138	9,198	6,642	70	102	75
Louisiana.....	132	158	163	103	112	101	2,919	3,584	2,929	72	106	90
Oklahoma.....	1,495	1,133	963	1,356	949	873	27,370	16,608	17,460	59	90	72
Texas.....	1,838	1,600	1,456	1,464	863	1,260	33,977	14,240	34,020	60	99	66
South Central.....	4,865	4,477	4,103	3,954	3,064	3,268	91,621	69,171	81,852	63.7	100	74.0
Montana.....	456	385	385	384	324	279	12,502	11,826	8,091	51	64	63
Idaho.....	220	166	203	179	150	180	7,326	6,300	7,470	55	80	72
Wyoming.....	160	155	166	132	132	135	3,981	3,960	3,982	56	78	67
Colorado.....	212	220	253	184	194	223	5,684	6,208	7,470	58	76	68
New Mexico.....	49	46	46	40	38	41	884	798	943	67	88	85
Arizona.....	26	28	28	9	11	11	268	330	330	71	109	90
Utah.....	52	48	51	44	42	45	1,848	1,764	2,115	63	93	81
Nevada.....	11	12	12	7	9	9	291	369	360	69	92	89
Washington.....	272	222	218	165	148	145	7,480	6,290	6,815	62	85	80
Oregon.....	446	338	443	297	238	331	9,508	7,497	11,088	64	97	80
California.....	491	558	547	162	185	178	4,781	5,550	4,806	68	101	84
Western.....	2,395	2,178	2,352	1,604	1,471	1,577	54,552	50,892	53,470	58.7	81.9	74.3
United States.....	42,378	44,526	44,525	38,347	40,198	40,560	1,234,082	1,493,304	1,322,924	57.1	72.7	64.3

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per bushel.

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TABLE 62.—Oats: Production and farm disposition, United States, 1909-49

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold			Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1909.....	1,013,909	682,629	331,280	1930.....	1,274,592	1,037,200	237,392
1910.....	1,106,162	770,947	335,215	1931.....	1,124,232	921,981	202,251
1911.....	885,527	640,200	245,327	1932.....	1,254,584	1,038,720	215,864
1912.....	1,353,273	953,206	400,067	1933.....	736,309	628,676	107,633
1913.....	1,039,131	758,715	280,416	1934.....	544,247	477,720	66,527
1914.....	1,066,328	752,270	314,058	1935.....	1,210,229	1,014,787	195,442
1915.....	1,435,270	1,023,113	412,157	1936.....	792,583	659,336	133,247
1916.....	1,138,969	820,742	318,227	1937.....	1,176,744	969,733	207,011
1917.....	1,442,519	995,422	447,097	1938.....	1,089,383	915,567	173,816
1918.....	1,428,611	1,041,886	386,725	1939.....	957,704	791,932	165,772
1919.....	1,106,603	813,787	292,816	1940.....	1,246,450	1,024,959	221,491
1920.....	1,444,291	1,012,351	431,940	1941.....	1,182,509	960,345	222,164
1921.....	1,045,270	779,985	265,285	1942.....	1,342,681	1,101,344	241,337
1922.....	1,147,905	847,696	300,209	1943.....	1,139,831	916,291	223,540
1923.....	1,227,184	901,970	325,214	1944.....	1,149,260	898,207	251,053
1924.....	1,416,120	1,003,617	412,503	1945.....	1,535,676	1,144,697	390,979
1925.....	1,405,268	1,031,124	374,144	1946.....	1,497,904	1,116,334	381,570
1926.....	1,152,911	877,634	275,277	1947.....	1,199,422	865,184	334,238
1927.....	1,093,221	867,030	226,191	1948.....	1,493,304	1,117,117	376,187
1928.....	1,312,914	1,022,033	290,881	1949 <sup>1</sup> .....	1,322,924	998,079	324,845
1929.....	1,112,949	885,032	227,917				

<sup>1</sup>Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where grown and do not include purchases by farmers from others for such purposes.

TABLE 63.—Oats: Stocks on and off farms, United States, 1940-49

Year beginning October—	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1940.....	1,031,898	795,277	471,217	219,553	-----	-----	-----	-----
1941.....	956,770	751,016	431,703	192,165	-----	-----	-----	-----
1942.....	1,117,032	874,238	500,245	232,561	-----	-----	33,589	26,470
1943.....	928,927	702,858	414,372	184,969	60,474	47,821	26,554	23,099
1944.....	932,761	734,449	421,834	207,317	60,456	49,739	37,844	27,096
1945.....	1,277,410	976,631	571,372	274,862	99,379	88,444	54,203	16,850
1946.....	1,147,713	892,282	532,895	257,099	65,803	42,160	34,675	19,213
1947.....	951,716	733,303	405,082	169,707	74,812	46,688	26,318	13,973
1948.....	1,188,460	928,377	578,832	270,501	62,988	46,167	28,422	24,705
1949 <sup>3</sup> .....	1,053,296	819,701	481,216	190,855	76,029	56,380	41,369	27,431

<sup>1</sup>Includes old crop only.<sup>2</sup>Includes stocks in interior mills, elevators, and warehouses, and commercial stocks at terminals.<sup>3</sup>Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-39, in Agricultural Statistics, 1943, table 52.

TABLE 64.—*Oats: Production and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948			Crop of 1949 <sup>1</sup>		
	Production	Farm disposition		Production	Farm disposition	
		Feed and seed	Sold		Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	2,924	2,515	409	3,990	3,312	678
New Hampshire.....	240	235	5	185	181	4
Vermont.....	1,480	1,421	59	1,178	1,143	35
Massachusetts.....	272	269	3	248	246	2
Rhode Island.....	33	33	0	30	30	0
Connecticut.....	185	184	1	222	221	1
New York.....	28,320	26,054	2,266	22,591	21,123	1,468
New Jersey.....	1,435	1,375	60	1,496	1,430	66
Pennsylvania.....	29,146	25,357	3,789	24,630	22,167	2,463
Ohio.....	54,090	42,190	11,900	48,024	35,538	12,486
Indiana.....	56,459	42,909	13,550	56,825	42,427	13,398
Illinois.....	181,091	106,844	74,247	168,990	99,704	69,286
Michigan.....	56,672	48,171	8,501	56,700	48,195	8,505
Wisconsin.....	126,148	109,118	17,030	119,884	106,697	13,187
Minnesota.....	206,338	158,880	47,458	178,272	144,400	33,872
Iowa.....	273,870	208,141	65,729	238,222	183,431	54,791
Missouri.....	48,592	39,845	8,747	43,248	35,031	8,217
North Dakota.....	60,256	41,577	18,679	36,550	26,316	10,234
South Dakota.....	104,252	68,806	35,446	67,988	47,592	20,396
Nebraska.....	72,744	57,468	15,276	49,720	40,273	9,447
Kansas.....	26,312	21,050	5,262	18,942	15,154	3,788
Delaware.....	175	166	9	180	170	10
Maryland.....	1,340	1,253	87	1,584	1,473	111
Virginia.....	4,891	4,206	685	4,650	4,092	558
West Virginia.....	1,740	1,679	61	1,606	1,558	48
North Carolina.....	7,965	5,655	2,310	11,100	7,881	3,219
South Carolina.....	12,144	9,351	2,793	16,484	11,868	4,616
Georgia.....	13,728	7,550	6,178	14,775	9,161	5,614
Florida.....	399	367	32	288	265	23
Kentucky.....	2,754	2,313	441	3,328	2,995	333
Tennessee.....	6,048	4,838	1,210	6,350	4,826	1,524
Alabama.....	5,750	4,658	1,092	4,230	3,299	931
Mississippi.....	10,989	8,901	2,088	6,893	5,514	1,379
Arkansas.....	9,198	6,807	2,391	6,642	4,782	1,860
Louisiana.....	3,584	2,724	860	2,929	2,285	644
Oklahoma.....	16,608	13,452	3,156	17,460	13,619	3,841
Texas.....	14,240	9,256	4,984	34,020	18,711	15,309
Montana.....	11,826	9,106	2,720	8,091	6,068	2,023
Idaho.....	6,300	3,780	2,520	7,470	4,706	2,764
Wyoming.....	3,960	2,970	990	3,982	2,867	1,115
Colorado.....	6,208	4,532	1,676	7,470	4,781	2,689
New Mexico.....	798	359	439	943	330	613
Arizona.....	330	125	205	330	129	201
Utah.....	1,764	1,446	318	2,115	1,650	465
Nevada.....	369	269	100	360	270	90
Washington.....	6,290	3,585	2,705	6,815	3,885	2,930
Oregon.....	7,497	4,273	3,224	11,088	5,322	5,766
California.....	5,550	1,054	4,496	4,806	961	3,845
United States.....	1,493,304	1,117,117	376,187	1,322,924	998,079	324,845

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 65.—Oats: Receipts graded by licensed inspectors, by grade, United States, 1939-48

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 3 or better
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	Percent
1939.....	9,286	27,372	38,840	19,156	11,658	106,312	71
1940.....	31,904	24,682	28,462	11,144	7,856	104,048	82
1941.....	36,236	24,642	35,122	26,964	6,816	129,780	74
1942.....	29,208	44,050	52,032	36,092	7,174	168,556	74
1943.....	19,504	40,612	66,470	46,684	12,756	186,026	68
1944.....	23,340	44,263	75,648	50,112	14,398	207,761	69
1945.....	79,627	87,984	114,566	42,487	12,304	336,968	84
1946.....	100,937	71,590	67,406	41,658	21,437	303,028	79
1947.....	65,078	59,119	54,633	32,928	8,103	219,861	81
1948.....	82,149	56,694	47,544	19,680	15,795	221,862	84

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 2,000 bushels per car for the years 1939-43 and 2,400 bushels for the years 1944-48.

TABLE 66.—Oats: Supply and distribution, United States, 1940-50

## SUPPLY

Year beginning July—	Carry-over, July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market	Interior mill, elevator, and warehouse <sup>1</sup>	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	145,261	3,130	-----	148,391	1,246,450	10,224	1,405,065
1941.....	219,553	3,906	-----	223,459	1,182,509	1,306	1,407,274
1942.....	192,165	2,109	-----	194,274	1,342,681	58,788	1,595,743
1943.....	232,561	7,746	18,724	259,031	1,139,831	81,373	1,480,235
1944.....	184,969	6,547	16,552	208,068	1,149,260	68,671	1,425,999
1945.....	207,317	9,604	17,492	234,413	1,535,676	24,062	1,794,151
1946.....	274,862	3,153	13,697	291,712	1,497,904	967	1,790,583
1947.....	257,099	5,038	14,175	276,312	1,199,422	1,672	1,477,406
1948.....	169,707	1,841	12,132	183,680	1,493,304	19,274	1,696,258
1949.....	270,501	6,167	18,530	295,198	1,322,924	19,762	1,637,884
1950 <sup>3</sup> .....	190,855	11,268	16,163	218,286	1,481,864	-----	-----

## DISTRIBUTION

Year beginning July—	Breakfast foods <sup>1</sup>	Seed <sup>2</sup>	Feed, other uses, and waste <sup>3</sup>	Exports <sup>4</sup>	Total disappearance	Domestic disappearance <sup>7</sup>	Stocks at end of year
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	30,972	98,326	1,052,150	158	1,181,606	1,180,350	223,459
1941.....	34,000	102,383	1,076,012	604	1,212,999	1,208,224	194,274
1942.....	44,000	103,451	1,207,706	278	1,355,435	1,352,251	<sup>8</sup> 240,307
1943.....	44,000	104,254	1,123,686	228	1,272,168	1,268,706	208,068
1944.....	46,000	109,216	1,036,121	250	1,191,587	1,186,571	234,413
1945.....	48,000	110,787	1,325,361	18,291	1,502,439	1,481,195	291,712
1946.....	44,000	100,676	1,349,263	<sup>9</sup> 20,331	1,514,270	1,489,944	276,312
1947.....	42,000	105,972	1,134,459	<sup>9</sup> 11,295	1,293,726	1,272,989	183,680
1948.....	42,000	105,970	1,234,907	<sup>9</sup> 18,183	1,401,060	1,375,932	295,198
1949 <sup>3</sup> .....	40,000	111,998	1,255,224	12,376	1,419,598	1,403,953	218,286

<sup>1</sup> Data not available prior to 1943.

<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of oatmeal; exports are grain only. <sup>3</sup> Preliminary.

<sup>4</sup> Used in production of cereal preparations; based on data published for calendar years by the Census of Manufactures and the War Food Administration.

<sup>5</sup> Based on area seeded to the following crop. <sup>6</sup> Residual, mostly feed.

<sup>7</sup> Total disappearance, minus exports of oats and grain equivalent of oatmeal.

<sup>8</sup> Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.

<sup>9</sup> Includes exports for military civilian-feeding abroad. Bureau of Agricultural Economics.

TABLE 67.—Oat futures: Volume of trading by contract markets, annual average of month-end open contracts on all markets combined, and highest and lowest prices per bushel, Chicago Board of Trade, 1940-49

Year beginning July—	Volume of trading					Average of open contracts	Chicago Board of Trade price	
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Total		Highest	Lowest
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Cents	Cents
1940.....	182.8	0.6	64.3	0.8	248.5	11.9	41	26½
1941.....	433.8	1.4	86.8	1.8	524.0	15.7	60¾	33¼
1942.....	484.8	3.9	120.9	1.0	610.6	19.4	70	45¾
1943.....	601.5	11.9	111.7	1.3	726.4	20.3	82	66¾
1944.....	935.2	12.2	140.8	2.0	1,090.2	27.2	81½	52
1945.....	2,127.5	64.0	244.4	2.9	2,438.8	54.0	88	54½
1946.....	3,445.9	163.4	292.0	4.3	3,905.6	44.9	104	57¾
1947.....	2,365.6	31.3	269.1	2.6	2,668.6	45.0	139	76
1948.....	1,009.0	11.3	153.5	1.9	1,175.7	28.4	92¾	53½
1949.....	917.8	7.3	121.0	2.1	1,048.2	28.2	92¼	55½

<sup>1</sup> Includes 0.2 million bushels for the Kansas City Board of Trade.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Board of Trade.

TABLE 68.—Barley: Acreage, yield, production, value, and foreign trade, United States, 1929-49

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Price per bushel at Minneapolis, year beginning August <sup>2</sup>	Foreign trade, including barley, flour and malt, year beginning July <sup>3</sup>		
								Domestic exports	Imports for consumption	Net exports or imports (-) <sup>4</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929.....		12,891	20.4	263,590						
1929.....	14,703	13,564	20.7	280,637	53.9	151,134	56	24,054	41	24,013
1930.....	13,581	12,629	23.9	301,619	40.5	122,178	46	11,443	1,413	10,030
1931.....	13,820	11,181	17.9	200,280	32.8	65,616	46	5,469	1,509	3,960
1932.....	14,555	13,206	22.7	299,394	22.1	66,178	34	9,399	1,406	7,993
1933.....	14,200	9,641	15.9	152,839	43.4	66,349	65	6,111	4,560	1,551
1934.....		6,193	17.8	110,048						
1934.....	12,024	6,577	17.8	117,390	68.6	80,521	94	4,126	18,239	-14,113
1935.....	13,956	12,436	22.2	288,667	37.9	109,372	59	9,926	7,885	2,041
1936.....	12,837	8,329	17.7	147,740	78.2	115,461	115	5,269	28,763	-23,494
1937.....	12,346	9,969	22.3	221,889	54.2	120,257	68	17,775	5,853	11,922
1938.....	12,171	10,610	24.2	256,620	36.8	94,336	48	11,292	3,062	8,230
1939.....		12,084	21.7	260,981						
1939.....	15,513	12,739	21.8	278,193	40.5	112,541	49	4,827	2,694	2,133
1940.....	15,689	13,525	23.0	311,278	39.7	123,543	48	1,987	2,335	-348
1941.....	15,857	14,276	25.4	362,568	52.9	191,741	65	3,421	2,323	1,098
1942.....	19,686	16,958	25.3	429,450	63.2	271,231	78	2,175	27,245	-25,070
1943.....	17,474	14,900	21.7	322,913	99.1	319,871	121	2,980	41,179	-38,199
1944.....		11,694	22.4	261,425						
1944.....	14,337	12,301	22.4	276,112	101.0	280,251	119	4,695	37,932	-33,237
1945.....	11,718	10,465	25.5	266,833	102.0	271,460	128	9,255	5,814	3,445
1946.....	11,527	10,411	25.2	262,258	136.0	356,657	174	16,400	4,286	12,114
1947.....	12,102	11,014	25.5	281,185	170.0	477,828	222	24,144	1,187	22,957
1948.....	13,228	11,987	26.4	315,894	115.0	363,648	130	27,557	12,063	15,494
1949 <sup>5</sup> .....	11,208	9,879	24.1	238,104	105.0	249,307	143			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> No. 3 barley, average of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record. Replaces price previously reported for No. 2 malting.

<sup>3</sup> Compiled from reports of the Department of Commerce. Barley flour converted to grain equivalent on the basis of 9 bushels of grain to 1 barrel of flour. Barley malt converted to grain equivalent on the basis of 1.1 bushels of grain to 1 bushel of malt through 1943; beginning 1944, 1 bushel of grain to 1 bushel of malt.

<sup>4</sup> Domestic exports minus imports for consumption, with net imports shown by a minus sign.

<sup>5</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>6</sup> Includes shipments under the Army Civilian Supply Program, beginning July 1946 and continuing in later years. <sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 108.

TABLE 69.—Barley: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price <sup>3</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	4	4	5	4	4	5	111	128	155	108	136	137
Vermont.....	4	2	1	4	2	1	108	58	23	114	146	140
New York.....	126	89	78	118	86	72	3,090	2,752	1,800	98	128	110
New Jersey.....	9	14	14	8	13	13	237	429	520	100	144	96
Pennsylvania.....	122	119	136	119	114	135	3,568	3,933	5,400	94	137	90
North Atlantic...	265	228	234	253	219	226	7,113	7,300	7,898	95.9	134	96.0
Ohio.....	32	19	17	30	18	16	774	540	464	83	137	103
Indiana.....	54	19	22	48	18	20	1,171	486	550	86	141	101
Illinois.....	102	32	32	89	31	30	2,436	1,085	960	91	137	99
Michigan.....	175	142	129	168	140	125	5,016	4,480	3,562	98	131	104
Wisconsin.....	423	205	189	413	204	188	13,177	7,752	6,392	103	141	128
Minnesota.....	1,391	1,252	1,097	1,334	1,219	1,061	35,477	34,132	25,464	89	121	122
Iowa.....	200	33	32	196	33	32	5,266	1,056	800	85	125	109
Missouri.....	165	82	100	126	70	80	2,547	1,750	1,840	87	140	95
North Dakota.....	2,266	2,724	1,852	2,107	2,640	1,663	45,423	55,440	26,608	81	104	106
South Dakota.....	1,845	1,583	1,235	1,639	1,518	1,108	33,186	34,914	14,958	84	105	104
Nebraska.....	1,330	560	381	1,116	472	307	21,398	9,204	5,833	76	105	90
Kansas.....	992	459	266	753	362	221	12,448	6,878	3,757	78	115	92
North Central...	8,976	7,110	5,352	8,019	6,725	4,851	178,319	157,717	91,188	85.2	112	110
Delaware.....	8	13	13	8	12	12	219	354	336	93	138	84
Maryland.....	72	77	85	69	75	83	2,019	2,325	2,822	91	139	86
Virginia.....	77	91	93	73	88	90	1,975	3,036	2,700	94	130	95
West Virginia.....	10	10	14	10	10	14	248	330	420	98	150	106
North Carolina.....	40	41	42	32	34	36	764	799	900	112	165	116
South Carolina.....	24	26	27	20	22	23	434	473	518	120	170	135
Georgia.....	4	6	6	4	5	5	138	100	95	130	190	152
South Atlantic...	236	264	280	218	246	263	5,783	7,417	7,791	97.9	141	97.6
Kentucky.....	103	70	89	72	49	63	1,669	1,348	1,638	93	150	97
Tennessee.....	99	86	83	82	75	69	1,624	1,650	1,276	98	150	102
Alabama.....	4	3	3	4	2	2	157	38	48	143	162	121
Mississippi.....	4	3	3	4	2	2	166	50	50	107	154	125
Arkansas.....	12	9	7	10	5	4	166	102	72	98	140	110
Oklahoma.....	436	126	108	350	110	92	5,776	1,705	1,610	78	135	101
Texas.....	335	188	172	240	122	146	4,125	1,891	2,774	77	134	91
South Central...	991	485	465	758	365	378	13,446	6,784	7,468	82.6	142	96.9
Montana.....	497	912	611	468	874	524	11,822	24,909	12,052	74	97	92
Idaho.....	313	351	305	294	341	297	10,448	12,276	10,098	77	100	95
Wyoming.....	126	190	192	112	172	177	3,335	4,730	5,310	78	103	91
Colorado.....	748	689	875	621	587	816	14,948	14,675	23,256	78	102	87
New Mexico.....	37	30	35	29	27	33	687	567	726	85	125	108
Arizona.....	112	209	180	59	160	136	2,058	6,400	5,440	88	126	103
Utah.....	119	130	133	113	125	129	4,995	5,500	6,063	84	115	104
Nevada.....	20	31	30	19	28	27	680	1,036	972	93	123	110
Washington.....	187	135	107	164	125	99	5,997	4,312	2,871	82	114	112
Oregon.....	284	402	326	246	371	301	7,872	12,800	9,933	89	119	120
California.....	1,697	2,062	2,083	1,347	1,622	1,622	37,336	49,471	47,038	88	130	111
Western.....	4,140	5,141	4,877	3,472	4,432	4,161	100,079	136,676	123,759	82.6	115	103
United States...	14,607	13,228	11,208	12,720	11,987	9,879	304,741	315,894	238,104	84.1	115	105

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 70.—*Barley: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49* <sup>1</sup>

Continent and country	Acreage <sup>2</sup>					Yield per acre <sup>4</sup>					Production				
	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>	Average		1947	1948	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada.....	4,291	6,461	7,465	6,495	6,017	20.7	27.4	18.9	23.9	20.0	88,882	176,850	141,372	155,018	120,408
Mexico.....	374	391	423	499	494	10.6	13.2	12.7	13.7	13.9	3,960	5,171	5,363	6,843	6,889
United States.....	10,817	14,392	11,014	11,987	9,879	22.1	23.7	25.5	26.4	24.1	238,622	340,464	281,185	315,894	238,104
Estimated total <sup>5</sup> .....	15,480	21,250	18,900	18,980	16,390						331,000	522,000	428,000	478,000	365,000
Europe:															
Austria.....	401	383	300	285	311	32.6	30.1	20.7	27.4	31.0	13,087	11,520	6,200	7,800	9,650
Belgium.....	74	137	237	210	194	48.2	47.6	42.2	52.4	58.8	3,570	6,525	10,000	11,000	11,405
Bulgaria.....	676	544	725			25.7	18.8	16.1			17,400	10,200	12,000		
Czechoslovakia.....	<sup>6</sup> 1,600	1,560	1,450	1,450	1,425	<sup>6</sup> 32.4	30.8	25.5	29.3	35.1	<sup>6</sup> 51,800	48,000	37,000	42,500	50,000
Denmark.....	946	984	1,152	1,090	1,121	55.9	56.0	53.0	61.5	64.4	52,881	55,084	61,038	67,011	72,155
Finland.....	280	294	365	345	330	28.2	21.7	21.6	29.0	27.3	7,900	6,373	7,900	10,000	9,000
France.....	1,897	1,790	2,369	2,027	2,170	27.9	23.5	23.2	28.8	29.9	53,004	42,000	55,000	58,474	64,850
Germany.....	3,120					41.7					130,000				
Greece.....	525	490		525	479	17.8	13.6		19.8	17.5	9,365	6,640		10,375	8,391
Hungary.....	1,163	1,235	1,300			25.9	24.3	16.9			30,178	30,000	22,000		
Ireland.....	118	172	146	120	157	45.0	43.1	42.5	54.2	52.2	5,413	7,417	6,200	6,500	8,200
Italy.....	475	575	599	620	620	20.9	17.7	14.3	17.7	17.4	9,950	10,200	8,584	11,000	10,800
Netherlands.....	107	109	169	132	121	55.5	51.8	48.4	49.2	71.6	5,934	5,642	8,175	6,500	8,663
Norway.....	143	126	103	91	104	38.2	34.1	38.8	45.0	39.7	5,467	4,299	4,000	4,096	4,124
Poland.....	2,570					29.6					76,000				
Portugal.....	320		324	322	336	12.8		12.5	11.8	12.9	4,100		4,064	3,794	4,343
Rumania.....	2,030	1,620				13.8	15.3				28,000	24,800			
Spain.....	<sup>7</sup> 4,549	4,075	3,775	3,850	3,825	<sup>7</sup> 21.3	18.4	18.5	19.5	20.7	<sup>7</sup> 97,059	75,000	70,000	75,000	79,000
Sweden.....	252	260	247	217	224	39.5	34.4	32.7	40.8	39.6	9,951	8,956	8,082	8,859	8,864
Switzerland.....	13	53	67	62	60	33.1	40.3	37.6	40.3	40.1	430	2,136	2,522	2,499	2,407
United Kingdom.....	934	1,620	2,060	2,053	2,058	39.2	40.9	36.7	46.1	46.7	36,596	66,183	75,530	94,593	96,087
Yugoslavia.....	1,045	1,000				18.0	16.6				18,800	16,600			
Estimated total <sup>8</sup> .....	23,260	22,480	23,040	22,100	22,670						667,000	610,000	555,000	630,000	680,000
U.S.S.R. (Europe and Asia).....	26,600		20,500	21,500	21,500	16.0		15.1	14.7	14.4	425,000		310,000	315,000	310,000
Asia:															
Iran.....	<sup>8</sup> 1,545	1,567	1,700	1,700	1,762	<sup>8</sup> 23.1	21.5	21.0	23.0	17.0	<sup>8</sup> 35,728	33,735	35,636	39,040	30,000
Iraq.....	<sup>8</sup> 1,932	2,620	2,100	1,544	1,853	<sup>8</sup> 11.6	10.3	13.3	17.0	18.9	23,635	27,100	28,000	26,180	35,000
Lebanon.....	<sup>(9)</sup>	88	54	54	49	<sup>(9)</sup>	14.0	21.3	22.6	21.1	<sup>(9)</sup>	1,234	1,148	1,222	1,033
Palestine.....	571	416				5.7	8.6				3,238	3,579			
Syria.....	<sup>8</sup> 793	651	902	844		<sup>8</sup> 19.4	17.8	11.5	16.6		<sup>8</sup> 15,386	11,589	10,334	14,015	

Turkey.....	4,592	4,822	4,302	4,670	3,700	20.9	17.6	15.9	19.3	14.9	96,129	85,017	68,212	90,000	55,000
China.....	16,000	14,200	15,818	15,505	15,200	21.7	21.7	22.0	22.0	20.1	347,000	308,200	347,863	341,178	305,000
Manchuria.....	353	237				18.3	22.4				6,462	5,300			
Indian Union <sup>1</sup> .....	5,793	5,918	7,082	7,509	7,640	15.6	15.3	15.9	16.2	13.8	90,253	90,552	112,653	121,520	105,747
Pakistan <sup>2</sup> .....	486	546	490	478	611	14.5	13.9	12.5	13.1	13.7	7,047	7,588	6,109	6,253	8,353
Japan.....	1,888	2,097	1,868	2,169	2,236	34.6	31.1	25.3	29.5	30.5	65,283	65,402	47,231	64,072	68,241
Korea.....	2,674	2,620				19.5	20.6				52,096	54,000			
Estimated total <sup>3</sup> .....	37,860	37,080	38,300	38,380	37,600						763,000	715,000	710,000	765,000	685,000
Africa:															
Algeria.....	3,051	2,714	1,800	2,500	2,700	10.9	8.8	9.4	16.4	16.7	33,132	23,836	17,000	41,000	45,000
Egypt.....	276	331	260	240	185	38.8	35.2	31.7	33.8	36.2	10,697	11,662	8,250	8,100	6,700
French Morocco.....	4,448	5,130	3,850	3,650	4,109	12.0	9.8	15.6	16.0	12.2	53,279	50,189	60,000	58,500	50,000
Tunisia.....	1,182	1,180	988	1,329	1,530	7.7	4.8	4.6	3.5	11.7	9,048	5,695	4,593	4,593	17,866
Union of South Africa.....	86	129	90	80		18.4	15.1	18.8	17.7		1,555	1,946	1,695	1,412	
Estimated total <sup>3</sup> .....	10,310	10,760	8,330	9,050	10,010						121,000	107,000	103,000	128,000	138,000
South America:															
Argentina.....	1,286	1,090	1,630	1,700	1,500	17.6	22.8	24.5	16.5	18.3	22,586	24,805	40,000	28,000	27,500
Chile.....	184	122	154	136	137	27.4	28.3	32.0	31.7	33.9	5,041	3,453	4,930	4,307	4,640
Uruguay.....	44	54	52	78	80	14.8	12.8	10.0	15.5	12.5	649	693	521	1,194	1,000
Estimated total <sup>3</sup> .....	2,140	1,910	2,610	2,680	2,480						38,000	39,000	58,000	46,000	45,000
Oceania:															
Australia.....	648	610	839	1,012	1,000	18.0	15.7	25.9	18.3	20.0	11,651	9,590	21,725	18,526	20,000
New Zealand.....	24	32	63	59	60	39.7	36.7	34.5	39.8	41.7	952	1,175	2,175	2,350	2,500
Total.....	672	642	902	1,071	1,060						12,603	10,765	23,900	20,876	22,500
Estimated world total <sup>4</sup> .....	116,320	115,000	112,580	113,760	111,710						2,358,000	2,325,000	2,190,000	2,380,000	2,245,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1949 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1949 and ended early in 1950.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere, revised preliminary forecasts.

<sup>4</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>5</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Average of less than 5 years.

<sup>7</sup> Figure for 1935 only.

<sup>8</sup> Estimates for Syria and Lebanon not shown separately during this period.

<sup>9</sup> Estimates for reporting areas only. Allowances for nonreporting areas, not shown, are included in estimated total for Asia.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 71.—*Barley: Production and farm disposition, United States, 1909-49*

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold			Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1909.....	173,069	82,943	90,126	1930.....	301,619	197,659	103,960
1910.....	142,419	68,484	73,935	1931.....	200,280	146,259	54,021
1911.....	145,074	64,061	81,013	1932.....	299,394	197,025	102,369
1912.....	196,927	93,189	103,738	1933.....	152,839	99,231	53,608
1913.....	158,820	81,434	77,386	1934.....	117,390	70,909	46,481
1914.....	177,712	92,242	85,470	1935.....	288,667	166,787	121,880
1915.....	206,976	112,917	94,059	1936.....	147,740	85,376	62,364
1916.....	159,157	89,930	69,227	1937.....	221,889	126,252	95,637
1917.....	182,209	107,110	75,099	1938.....	256,620	152,555	104,065
1918.....	225,067	135,827	89,240	1939.....	278,193	158,540	119,653
1919.....	131,086	81,374	49,712	1940.....	311,278	194,593	116,685
1920.....	171,042	102,279	68,763	1941.....	362,568	227,711	134,857
1921.....	132,702	79,599	53,103	1942.....	429,450	263,998	165,452
1922.....	152,908	91,223	61,685	1943.....	322,913	180,471	142,442
1923.....	158,994	94,845	64,149	1944.....	276,112	138,471	137,641
1924.....	165,318	95,353	69,965	1945.....	266,833	114,603	152,230
1925.....	192,466	113,876	78,590	1946.....	262,258	110,834	151,424
1926.....	166,030	110,965	55,065	1947.....	281,185	113,248	167,937
1927.....	239,071	150,084	88,987	1948.....	315,894	127,714	188,180
1928.....	328,351	209,183	119,168	1949 <sup>1</sup> .....	238,104	96,515	141,589
1929.....	280,637	182,647	97,990				

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 72.—*Barley: Stocks on and off farms, United States, 1940-49*

Year beginning October—	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1940.....	232,000	170,000	102,500	55,500				
1941.....	278,000	195,300	118,000	66,350				
1942.....	333,000	234,500	144,000	81,000			45,446	39,522
1943.....	246,000	152,000	91,888	48,500	82,493	64,732	42,323	27,437
1944.....	180,385	135,200	84,076	54,100	82,132	78,097	57,487	40,971
1945.....	169,297	126,000	70,691	38,700	82,490	66,006	40,610	19,870
1946.....	159,635	110,000	66,531	30,000	75,754	65,691	44,603	25,565
1947.....	161,736	117,300	69,346	26,938	86,380	70,543	46,268	24,991
1948.....	208,519	156,357	111,408	59,308	87,164	74,488	50,556	41,600
1949 <sup>1</sup> .....	148,973	107,532	70,692	31,305	102,287	86,382	64,558	49,533

<sup>1</sup> Includes old crop only.

<sup>2</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals; beginning October 1949, includes C. C. C. owned barley in Canadian elevators.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms for October and April begin in 1939. Data for January and July, 1934-39, in Agricultural Statistics, 1945, table 74.



TABLE 73.—*Barley: Production and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948			Crop of 1949 <sup>1</sup>		
	Production	Farm disposition		Production	Farm disposition	
		Feed and seed	Sold		Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	128	125	3	155	151	4
Vermont.....	58	57	1	23	22	1
New York.....	2,752	2,559	193	1,800	1,656	144
New Jersey.....	429	309	120	520	380	140
Pennsylvania.....	3,933	3,500	433	5,400	4,590	810
Ohio.....	540	454	86	464	367	97
Indiana.....	486	379	107	550	473	77
Illinois.....	1,085	543	542	960	528	432
Michigan.....	4,480	2,688	1,792	3,562	2,208	1,354
Wisconsin.....	7,752	2,481	5,271	6,392	1,918	4,474
Minnesota.....	34,132	9,557	24,575	25,464	5,602	19,862
Iowa.....	1,056	665	391	800	504	296
Missouri.....	1,750	1,522	228	1,840	1,601	239
North Dakota.....	55,440	18,850	36,590	26,608	9,313	17,295
South Dakota.....	34,914	15,013	19,901	14,958	8,227	6,731
Nebraska.....	9,204	6,443	2,761	5,833	4,608	1,225
Kansas.....	6,878	4,471	2,407	3,757	2,705	1,052
Delaware.....	354	336	18	336	302	34
Maryland.....	2,325	2,023	302	2,822	2,201	621
Virginia.....	3,036	2,520	516	2,700	2,295	405
West Virginia.....	330	314	16	420	395	25
North Carolina.....	799	663	136	900	702	198
South Carolina.....	473	326	147	518	388	130
Georgia.....	100	75	25	95	76	19
Kentucky.....	1,348	1,078	270	1,638	1,392	246
Tennessee.....	1,650	1,287	363	1,276	1,059	217
Alabama.....	38	30	8	48	38	10
Mississippi.....	50	45	5	50	45	5
Arkansas.....	102	76	26	72	61	11
Oklahoma.....	1,705	1,296	409	1,610	1,191	419
Texas.....	1,891	1,418	473	2,774	1,637	1,137
Montana.....	24,909	9,964	14,945	12,052	3,977	8,075
Idaho.....	12,276	6,384	5,892	10,098	5,049	5,049
Wyoming.....	4,730	3,595	1,135	5,310	3,664	1,646
Colorado.....	14,675	9,245	5,430	23,256	10,698	12,558
New Mexico.....	567	391	176	726	465	261
Arizona.....	6,400	1,280	5,120	5,440	1,088	4,352
Utah.....	5,500	4,180	1,320	6,063	4,790	1,273
Nevada.....	1,036	414	622	972	389	583
Washington.....	4,312	1,509	2,803	2,871	1,062	1,809
Oregon.....	12,800	3,712	9,088	9,933	2,583	7,350
California.....	49,471	5,937	43,534	47,038	6,115	40,923
United States.....	315,894	127,714	188,180	238,104	96,615	141,589

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 74.—*Barley: Supply and distribution, United States, 1940-50*

## SUPPLY

Year beginning July—	Carry-over, July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market	Interior mill, elevator, and ware- house <sup>1</sup>	Total			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1940.....	43,200	6,956	—	50,156	311,278	2,335	363,769
1941.....	55,500	4,931	—	60,431	362,568	2,323	425,322
1942.....	66,350	3,600	—	69,950	429,450	27,245	526,645
1943.....	81,000	9,028	30,494	120,522	322,913	41,179	484,614
1944.....	48,500	6,923	20,514	75,937	276,112	37,932	389,981
1945.....	54,100	14,479	26,492	95,071	266,833	5,814	367,718
1946.....	38,700	4,464	15,406	58,570	262,258	4,286	325,114
1947.....	30,000	7,753	17,812	55,565	281,185	1,187	337,937
1948.....	26,938	6,740	18,251	51,929	315,894	12,063	379,886
1949.....	59,308	14,922	26,749	100,979	238,104	18,242	357,325
1950 <sup>3</sup> .....	31,305	25,884	23,649	80,838	297,922	—	—

## DISTRIBUTION

Year beginning July—	Used in producing malt		Seed <sup>5</sup>	Feed, other uses, and waste <sup>7</sup>	Domestic disap- pearance	Exports <sup>2</sup>	Total disap- pearance	Stocks, end of year
	For alcohol and alcoholic beverages <sup>4</sup>	For other purposes <sup>6</sup>						
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1940.....	58,441	3,636	25,847	213,427	301,351	1,987	303,338	60,431
1941.....	69,353	4,318	32,088	246,192	351,951	3,421	355,372	69,950
1942.....	78,994	5,500	28,483	321,462	434,439	2,178	436,617	<sup>8</sup> 90,028
1943.....	84,644	6,128	23,369	291,556	405,697	2,980	408,677	75,937
1944.....	94,149	5,506	18,983	171,577	290,215	4,695	294,910	95,071
1945.....	81,838	6,806	18,674	192,575	299,893	9,255	309,148	58,570
1946.....	87,683	6,951	19,605	138,910	253,149	<sup>9</sup> 16,400	269,549	55,565
1947.....	92,865	6,500	21,429	141,070	261,864	<sup>9</sup> 24,144	286,008	51,929
1948.....	90,153	6,000	18,157	137,040	251,350	<sup>9</sup> 27,557	278,907	100,979
1949 <sup>3</sup> .....	86,711	6,000	21,361	140,878	254,950	<sup>9</sup> 21,537	276,487	80,838

<sup>1</sup> Data not available prior to 1943. Figure for 1950 includes 2,557,000 bushels of barley owned by C.C.C. and stored in Canada.

<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Both imports and exports include grain equivalent of malt.

<sup>3</sup> Preliminary.

<sup>4</sup> Compiled from reports of the Bureau of Internal Revenue. Includes small quantities of barley grain.

<sup>5</sup> Estimated on basis of total malt production and quantities exported, imported, and used in alcohol and alcoholic beverages.

<sup>6</sup> Based on acreage seeded to the following crop.

<sup>7</sup> Residual, mostly feed.

<sup>8</sup> Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.

<sup>9</sup> Includes exports for military civilian-feeding abroad.

Bureau of Agricultural Economics.

BARLEY

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TABLE 75.—*Barley: Receipts graded by licensed inspectors, by class and grade, United States, 1939-48*

Year beginning July—	Barley (class I)											
	Subclass (A) malting barley				Subclass (B) barley							Total class I barley
	No. 1	No. 2	No. 3	Total	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	
1939.....	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	7,005	12,190	24,317	43,512	8,350	8,003	18,010	7,304	1,357	1,688	44,712	88,224
1941.....	15,742	18,253	15,808	49,803	8,914	5,630	10,256	6,581	1,941	4,054	37,376	87,179
1942.....	10,629	13,352	18,461	42,442	17,707	11,184	25,224	13,358	2,690	5,683	75,846	118,288
1943.....	4,194	7,862	15,456	32,512	29,485	13,379	37,062	18,224	3,547	7,810	109,507	142,019
1944.....	4,789	3,377	13,819	21,985	52,510	22,357	40,594	19,282	3,811	7,539	146,093	168,078
1945.....	4,623	2,783	9,245	16,651	56,726	24,888	39,579	27,845	8,841	12,536	170,415	187,066
1946.....	8,309	5,458	7,473	21,240	51,860	24,490	29,971	12,392	4,250	7,864	130,727	151,967
1947.....	8,829	4,454	4,949	18,232	70,210	29,363	21,044	8,085	2,723	5,516	136,941	155,173
1948.....	15,972	6,344	10,847	33,163	57,690	23,991	25,345	10,250	2,852	5,332	125,460	158,623
1948.....	9,168	6,574	9,502	25,244	43,728	36,863	32,999	7,004	2,605	5,709	128,908	154,152

  

Year beginning July—	Western barley (class III)							Total all classes :
	No.	No. 2	No. 3	No. 4	No. 5	Sample	Total class III	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	6,235	1,902	522	192	69	147	9,067	97,299
1940.....	5,935	1,851	662	339	109	162	9,058	96,238
1941.....	5,451	1,998	843	429	213	490	9,424	127,725
1942.....	10,722	4,667	2,130	1,270	744	307	19,840	161,869
1943.....	12,976	5,510	2,323	1,088	626	339	22,862	190,984
1944.....	14,284	5,900	1,723	614	218	405	23,144	210,222
1945.....	14,510	6,200	1,533	521	275	401	23,740	175,717
1946.....	20,117	4,687	1,212	462	171	314	26,963	182,140
1947.....	27,242	6,622	1,920	600	260	407	37,051	195,932
1948.....	21,507	5,704	1,413	574	234	1,062	30,494	184,709

<sup>1</sup> Includes class II, Black barley, and class IV, Mixed barley, not shown separately in table.

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,600 bushels per car for the years 1939-43 and 1,900 bushels for the years 1944-48.

TABLE 76.—*Barley: Average price per bushel for specified grades at selected markets, 1940-49*

Year beginning August—	Minneapolis <sup>1</sup>		Kansas City <sup>2</sup>	San Francisco <sup>2</sup>	Chicago <sup>2</sup>	Winnipeg <sup>3</sup>
	No. 3	No. 2 Malting	No. 3	Feed barley	Feed barley	No. 3 Western
	Cents	Cents	Cents	Cents	Cents	Cents
1940.....	48.3	51.8	45.7	54.8	46.6	41
1941.....	65.5	78.6	54.7	82.6	56.1	54
1942.....	78.3	92.0	81.1	85.9	76.8	56
1943.....	121.4	128.8	114.5	124.8	116.8	59
1944.....	118.6	130.2	107.2	109.8	101.8	59
1945.....	127.7	131.3	122.9	134.0	119.8	59
1946.....	173.9	177.9	140.9	150.7	136.7	85
1947.....	221.8	231.9	177.2	184.8	177.2	<sup>4</sup> 111
1948.....	130.2	139.8	114.9	125.8	111.6	<sup>4</sup> 119
1949.....	142.8	150.1	113.9	122.3	117.2	<sup>4</sup> 145

<sup>1</sup> Average of daily prices, weighted by carlot sales.

<sup>2</sup> Average of daily prices.

<sup>3</sup> Average spot price in United States currency.

<sup>4</sup> Export price to countries other than United Kingdom.

Bureau of Agricultural Economics and Production and Marketing Administration.

TABLE 77.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1929-49<sup>1</sup>

Calendar year	Wheat			Rye		Rice (milled)		Corn <sup>4</sup>						Oats		Barley	
	Total consumed	Per capita consumption of food products		Total consumed	Per capita consumption of rye flour	Total consumed <sup>3</sup>	Per capita consumption of food products	Total consumed	Per capita consumption of food products					Total consumed	Per capita consumption of oatmeal	Total consumed <sup>5</sup>	Per capita consumption of food products <sup>(6)</sup>
		Wheat flour <sup>2</sup>	Cereal						Meal	Cereal	Sirup	Sugar	Starch				
	Million bushels	Pounds	Pounds	Million bushels	Pounds	Million pounds	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds
1929.....	508	174	3.5	9.8	3.4	702	5.8	155	30.3	3.1	7.8	6.2	1.7	35	5.2	16	4.9
1930.....	508	172	3.5	9.4	3.2	649	5.3	145	28.1	3.0	7.4	5.8	1.4	41	6.0	18	5.4
1931.....	500	167	3.5	10.1	3.5	715	5.7	135	26.4	3.0	6.6	5.4	1.3	44	6.3	19	5.7
1932.....	486	161	3.5	8.9	3.0	662	5.3	131	26.3	2.7	5.8	5.2	1.1	40	5.7	14	4.2
1933.....	476	158	3.5	7.7	2.6	762	6.0	135	25.6	2.5	7.3	5.6	1.4	35	4.9	10	2.8
1934.....	479	157	3.5	7.4	2.5	596	4.7	127	25.2	1.9	7.3	4.2	1.4	32	4.5	7	2.2
1935.....	476	157	3.6	7.6	2.5	713	5.6	116	24.5	1.4	6.8	2.4	1.2	29	4.0	5	1.5
1936.....	496	162	3.5	7.0	2.3	665	5.2	124	24.0	1.5	8.4	2.8	1.4	28	3.9	5	1.5
1937.....	485	158	3.6	6.4	2.1	763	5.9	118	22.7	1.6	7.5	2.7	1.3	27	3.8	5	1.4
1938.....	493	159	3.7	6.3	2.1	764	5.9	119	22.0	1.7	7.6	2.6	1.3	28	3.8	4	1.3
1939.....	492	157	3.9	6.9	2.2	731	5.6	121	21.5	1.9	7.9	2.9	1.4	28	3.8	4	1.1
1940.....	486	154	3.8	7.3	2.4	775	5.9	122	21.7	1.9	7.8	2.9	1.3	29	4.0	4	1.1
1941 <sup>7</sup> .....	487	155	3.8	6.9	2.2	769	5.8	135	20.5	2.3	8.5	4.0	1.5	29	4.0	5	1.3
1942 <sup>7</sup> .....	489	156	3.8	7.8	2.5	700	5.3	155	19.8	2.5	13.8	4.7	1.7	35	4.8	5	1.5
1943 <sup>7</sup> .....	499	162	3.8	9.3	3.1	735	5.6	149	20.6	2.5	11.8	4.2	1.8	41	4.1	6	1.8
1944 <sup>7</sup> .....	455	148	3.7	7.9	2.6	696	5.4	144	19.5	2.5	11.6	3.9	1.4	31	3.2	5	1.4
1945 <sup>7</sup> .....	491	159	3.7	7.5	2.5	633	4.9	148	18.0	2.1	11.9	3.9	1.9	34	3.5	6	1.5
1946 <sup>7</sup> .....	495	156	3.3	5.7	1.8	544	4.0	150	15.9	1.9	11.8	3.8	1.8	33	3.1	8	2.0
1947 <sup>7</sup> .....	472	138	3.3	4.4	1.3	823	5.8	154	14.0	1.4	12.8	4.5	1.9	31	2.8	8	1.9
1948 <sup>7</sup> .....	475	137	3.3	4.6	1.4	693	4.8	132	13.8	1.5	8.2	4.0	1.7	33	2.9	6	1.5
1949 <sup>7,8</sup> .....	487	138	3.3	4.7	1.4	836	5.7	134	13.5	1.5	8.5	4.1	1.8	33	2.9	6	1.8

<sup>1</sup> Consumption data for most grains are measured at the processing level. Total consumption is the grain equivalent of the food products processed from the grains.

<sup>2</sup> Includes white, whole wheat, and semolina flour.

<sup>3</sup> Rice consumption for year beginning August previous to the year stated. Table rice used by brewers excluded, beginning August 1934.

<sup>4</sup> Excludes corn and corn products used in the production of alcoholic beverages. Total corn includes an allowance for the quantity used as hominy and grits.

<sup>5</sup> Barley consumed in food products, excluding malt beverages, expressed in terms of grain equivalent. Includes quantities used as pearl barley, flour, and malt extract.

<sup>6</sup> Malt equivalent.

<sup>7</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the civilian population adjusted for under-enumeration of children under 5 years of age and members of the armed forces eating out of civilian supplies.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. All figures are estimates based on data from the Census of Manufactures, the Corn Refiners Statistical Bureau, the Department of Commerce, the Bureau of Internal Revenue, and other sources.

TABLE 78.—*Sorghum grain, forage, and silage: Acreage, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-49*

Year	Acreage planted for all purposes <sup>1</sup>	Grain <sup>2</sup>				Forage				Silage	
		Acreage harvested	Production	Price <sup>3</sup>	Farm value	Acreage harvested	Production	Price <sup>4</sup>	Farm value	Acreage harvested	Production
	1,000 acres	1,000 acres	1,000 bushels	Cents	1,000 dollars	1,000 acres	1,000 tons <sup>5</sup>	Dollars	1,000 dollars	1,000 acres	1,000 tons <sup>6</sup>
1929	8,830	3,522	49,080			4,609	6,683	9.98	66,673	103	628
1929	8,830	3,522	49,967	74.5	37,240	4,609	6,683	9.98	66,673	103	628
1930	9,447	3,473	37,561	55.3	20,788	5,089	6,326	9.62	60,852	106	572
1931	10,685	4,443	71,914	30.0	21,573	5,392	7,180	6.01	43,138	133	775
1932	12,070	4,400	66,097	29.8	19,669	6,172	8,071	4.18	33,705	232	1,345
1933	12,602	4,354	54,386	50.6	27,515	6,697	8,418	5.45	45,911	377	1,791
1934	14,612	2,370	18,699								
1934	14,612	2,396	19,209	94.8	18,201	8,182	7,417	10.61	78,695	816	2,244
1935	16,492	4,597	57,610	55.3	31,855	9,072	12,052	6.15	74,121	666	3,133
1936	13,355	2,793	30,270	94.8	28,709	6,975	6,579	8.38	55,123	749	2,874
1937	13,001	4,915	69,948	50.1	35,053	6,036	7,713	7.08	54,570	580	2,988
1938	15,561	4,699	67,210	39.1	26,261	8,636	12,553	4.87	61,092	740	4,512
1939	17,863	4,693	58,448								
1939	17,863	4,760	53,280	56.9	30,321	9,826	11,716	5.82	68,177	904	4,364
1940	21,208	6,374	85,824	47.8	41,019	11,729	16,110	5.22	84,119	1,081	6,217
1941	18,800	6,015	113,643	54.9	62,319	10,481	17,069	5.25	89,649	1,233	7,896
1942	16,082	5,991	109,653	77.7	85,223	7,865	13,640	5.55	75,712	927	6,032
1943	17,726	6,889	109,636	114.0	124,885	8,404	10,982	13.00	142,848	913	4,733
1944	18,458	9,385	184,962	91.3	168,880	7,587	11,553	10.90	125,807	879	5,641
1944	18,458	9,385	184,962	91.3	168,880	7,587	11,553	10.90	125,807	879	5,641
1945	15,912	6,408	97,014	119.0	115,816	7,504	9,816	12.00	117,957	680	3,622
1946	14,749	6,773	106,941	139.0	148,753	6,240	8,601	14.60	125,755	644	3,685
1947	11,746	5,629	96,016	183.0	175,947	4,871	6,078	17.30	105,236	669	3,448
1948	13,804	7,296	131,596	128.0	168,234	5,139	7,602	15.60	118,670	631	4,529
1949 <sup>8</sup>	11,754	6,612	152,630	112.0	171,351	4,164	6,541	12.60	82,492	624	4,423

<sup>1</sup> Grain and sweet sorghums for all uses, including sirup.<sup>2</sup> Includes both grain sorghums for grain and sweet sorghums for grain or seed.<sup>3</sup> Based on the reported price of grain sorghums.<sup>4</sup> Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.<sup>5</sup> Dry weight. <sup>6</sup> Green weight.<sup>7</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel.<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 79.—*Sorghum grain, forage, and silage: Acreage, yield, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

## SORGHUM GRAIN

State	Acreage harvested			Yield per acre			Production			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents <sup>(3)</sup>	Cents <sup>(3)</sup>	Cents <sup>(3)</sup>
Indiana	42	1	1	27.0	32.0	32.0	47	32	32	100	96	95
Iowa	3	1	1	21.5	19.5	22.0	65	20	22	95	100	95
Missouri	56	25	23	19.0	24.0	22.0	1,080	600	506	102	120	100
North Dakota	45	6	4	14.3	16.0	12.0	66	96	48	97	98	90
South Dakota	114	20	12	11.0	15.5	10.0	1,220	310	120	84	105	110
Nebraska	164	73	65	15.7	23.0	24.5	2,268	1,679	1,592	86	142	120
Kansas	1,243	1,208	1,148	14.8	22.0	23.0	19,300	26,576	26,404	92	130	115
North Carolina		21	21		22.0	25.0		462	525		118	120
Alabama	20	54	43	18.6	23.5	22.0	394	1,269	946	135	124	130
Arkansas	9	16	14	14.8	22.0	21.5	136	352	301	104	123	125
Louisiana	1	1	1	15.8	17.5	19.5	20	18	20	103	114	115
Oklahoma	714	605	628	11.7	16.0	16.5	8,471	9,680	10,362	97	127	110
Texas	3,440	4,635	3,869	16.8	16.5	24.0	58,596	76,434	92,676	91	126	110
Colorado	174	172	234	12.6	18.0	18.0	2,205	3,096	4,212	88	122	110
New Mexico	190	267	395	12.5	14.0	22.0	2,663	3,738	8,684	87	126	110
Arizona	38	75	61	34.3	40.0	44.0	1,331	3,000	2,684	106	138	130
California	131	116	92	36.0	36.5	38.0	4,732	4,234	3,496	117	149	145
United States	6,292	7,296	6,612	16.0	18.0	23.1	102,398	131,596	152,630	92.3	128	112

See footnotes at end of table

TABLE 79.—*Sorghum grain, forage, and silage: Acreage, yield, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued*

## SORGHUM FORAGE

State	Acreage harvested			Yield per acre			Production			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons ( <sup>3</sup> )	Tons ( <sup>3</sup> )	Tons ( <sup>3</sup> )	1,000 tons <sup>4</sup>	1,000 tons <sup>4</sup>	1,000 tons <sup>4</sup>	Dol- lars <sup>5</sup>	Dol- lars <sup>5</sup>	Dol- lars <sup>5</sup>
Illinois.....	5	2	2	2.60	3.50	3.50	13			7.46	9.00	6.00
Minnesota.....	19	7	9	2.76	3.10	3.20	53	22	29	4.49	10.60	6.50
Iowa.....	30	6	4	3.25	3.00	3.20	102	18	13	5.73	12.00	6.00
Missouri.....	197	99	75	2.19	2.50	2.40	439	248	180	7.37	9.00	9.40
North Dakota.....	104	41	47	1.47	1.40	1.30	155	57	61	5.14	11.00	11.50
South Dakota.....	583	124	135	1.40	1.80	1.50	782	223	202	4.76	10.20	10.10
Nebraska.....	681	275	272	1.68	1.50	1.50	1,132	412	408	5.49	10.40	7.50
Kansas.....	1,387	792	749	1.78	2.00	2.00	2,480	1,584	1,498	6.70	8.90	8.00
Virginia.....	6	7	7	1.88	2.50	2.40	12	18	17	13.60	18.50	15.00
North Carolina.....	14	14	14	1.94	2.25	2.25	28	32	32	15.60	19.00	24.20
South Carolina.....	19	25	21	1.36	1.45	1.50	26	36	32	15.60	24.00	22.50
Georgia.....	36	38	28	1.28	1.30	1.40	46	49	39	14.60	20.00	20.00
Kentucky.....	26	17	16	2.59	2.50	3.00	69	42	48	7.89	13.00	10.50
Tennessee.....	36	26	19	2.14	2.35	2.20	76	61	42	10.20	12.90	12.10
Alabama.....	27	41	22	1.42	1.50	1.45	38	62	32	14.90	20.50	16.50
Mississippi.....	24	18	14	1.62	1.95	1.85	39	35	26	14.60	18.00	16.80
Arkansas.....	81	61	46	1.45	1.85	1.90	117	113	87	11.10	11.60	10.90
Louisiana.....	7	6	6	1.50	1.45	1.60	11	9	10	11.20	15.00	15.00
Oklahoma.....	1,106	809	680	1.28	1.50	1.60	1,417	1,214	1,068	10.40	14.20	12.70
Texas.....	3,174	2,248	1,589	1.24	1.22	1.35	3,970	2,750	2,145	12.80	22.00	17.00
Montana.....	8	4	4	1.20	1.50	.80	9	6	3	6.71	11.00	11.00
Wyoming.....	16	6	7	.73	.75	.75	12	4	5	7.44	13.00	13.00
Colorado.....	480	300	354	1.10	1.40	1.40	525	420	496	8.17	14.10	11.50
New Mexico.....	239	108	89	.97	1.00	1.22	238	168	109	12.40	19.00	17.00
Arizona.....	5	3	3	1.81	1.75	1.75	10	5	5	11.90	20.00	15.00
California.....	*3	2	2	*3.67	3.50	3.50	*10	7	7	*9.17	15.00	15.00
United States.....	8,314	5,139	4,164	1.41	1.48	1.57	11,812	7,602	6,541	9.45	15.60	12.60

## SORGHUM SILAGE

State	6	2	2	10.6	11.5	11.5	68	23	23			
Indiana.....	11	3	2	10.3	10.5	9.5	114	32	19			
Illinois.....	10	2		7.5	8.0		83	16				
Minnesota.....	22	3	2	10.1	9.5	10.5	237	28	21			
Iowa.....	37	34	36	8.1	10.0	9.5	300	340	342			
Missouri.....	5	1	2	2.8	3.0	2.7	15	3	5			
North Dakota.....	22	5	9	2.8	5.5	2.5	55	28	22			
South Dakota.....	88	18	25	5.1	5.5	5.5	458	99	138			
Nebraska.....	356	367	375	6.1	7.6	7.3	2,166	2,789	2,738			
Kansas.....	3	3	3	5.3	5.5	6.0	14	16	18			
South Carolina.....	4	5	3	4.8	5.0	5.5	17	25	16			
Georgia.....	6	7	8	7.5	7.5	8.0	46	52	64			
Tennessee.....	5	8	6	6.8	7.0	8.0	35	56	48			
Alabama.....	11	15	11	8.6	9.0	9.5	92	135	104			
Mississippi.....	4	5	5	5.7	7.0	6.5	22	35	32			
Arkansas.....	67	59	53	4.3	5.5	6.0	289	324	318			
Oklahoma.....	176	70	50	4.3	4.6	4.9	787	325	245			
Texas.....	8	7	11	4.1	6.0	5.5	35	42	60			
Colorado.....	10	3	3	3.6	3.7	3.0	41	11	9			
New Mexico.....	7	10	14	10.8	11.0	11.5	76	110	161			
Arizona.....	4	4	4	10.3	10.0	10.0	36	40	40			
California.....												
United States.....	867	631	624	5.74	7.18	7.09	5,015	4,529	4,423			

<sup>1</sup> Preliminary.<sup>2</sup> For certain years, prices for sorghum grain include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.<sup>3</sup> Based on the reported price of grain sorghums.<sup>4</sup> Short-time average.<sup>5</sup> Dry weight for forage; green weight for silage.<sup>6</sup> Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.

Bureau of Agricultural Economics.

TABLE 80.—*Sorghum grain: Production and farm disposition, United States, 1940-49*

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold			Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1940.....	85,824	68,948	26,876	1945.....	97,014	42,837	54,177
1941.....	113,543	75,614	37,929	1946.....	106,941	40,138	66,803
1942.....	109,653	76,024	33,629	1947.....	96,016	30,518	65,498
1943.....	109,536	51,036	58,500	1948.....	131,596	51,911	79,625
1944.....	184,862	78,220	106,742	1949 <sup>1</sup> .....	152,630	50,337	102,293

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1929-38 in Agricultural Statistics, 1944, table 76, and for 1939 in Agricultural Statistics, 1949, table 80.

TABLE 81.—*Sorghum grain: Production and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948			Crop of 1949 <sup>1</sup>		
	Production	Farm disposition		Production	Farm disposition	
		Feed and seed	Sold		Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	32	22	10	32	21	11
Iowa.....	20	10	10	22	12	10
Missouri.....	600	516	84	506	455	51
North Dakota.....	96	58	38	48	38	10
South Dakota.....	310	186	124	120	72	48
Nebraska.....	1,679	839	840	1,592	509	1,083
Kansas.....	26,576	11,693	14,883	26,404	8,449	17,955
North Carolina.....	462	346	116	525	394	131
Alabama.....	1,269	1,104	165	946	795	151
Arkansas.....	352	317	35	301	259	42
Louisiana.....	18	17	1	20	19	1
Oklahoma.....	9,680	6,195	3,485	10,362	6,424	3,938
Texas.....	76,434	27,516	48,918	92,676	27,803	64,873
Colorado.....	3,096	867	2,229	4,212	1,137	3,075
New Mexico.....	3,738	1,308	2,430	8,684	2,953	5,731
Arizona.....	3,000	300	2,700	2,684	403	2,281
California.....	4,234	677	3,557	3,496	594	2,902
United States.....	131,596	51,971	79,625	152,630	50,337	102,293

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 82.—*Grain sorghums: Receipts graded by licensed inspectors, by grade, United States, 1939-48*

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1939.....	977	1,953	337	98	122	3,487	84
1940.....	769	3,704	1,156	734	448	6,811	66
1941.....	1,658	12,572	5,488	1,701	1,058	22,477	63
1942.....	10,042	15,794	3,214	920	2,439	32,409	80
1943.....	20,104	26,907	4,901	1,593	3,479	56,984	82
1944.....	43,360	82,747	17,636	6,404	10,350	160,497	78
1945.....	11,907	30,192	9,122	2,853	10,768	64,842	65
1946.....	18,370	50,454	12,801	2,997	9,330	93,952	73
1947.....	18,088	37,633	9,366	4,466	7,919	77,472	72
1948.....	42,112	49,280	5,107	974	3,769	101,242	90

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,400 bushels per car for the years 1939-43 and 1,700 bushels for the years 1944-48.

TABLE 83.—*Grain sorghums: Average market price at indicated markets and season average price received by farmers per 100 pounds, 1939-48*

Year beginning October—	No. 2 Yellow Milo			No. 2 White Kafir		Season average price received by farmers in—				
	Kansas City	Fort Worth	Los Angeles	Kansas City	Fort Worth	California	Kansas	Oklahoma	Texas	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939.....	1.25	1.26	1.36	1.20	1.22	1.23	0.98	1.12	1.00	1.02
1940.....	.98	1.15	1.41	.97	1.14	1.09	.71	.91	.91	.85
1941.....	1.22	1.23	1.72	1.23	1.18	1.50	.95	1.04	.95	.98
1942.....	1.97	1.97	2.47	1.97	1.95	1.70	1.52	1.55	1.30	1.39
1943.....	2.34	2.34	2.68	2.34	2.35	2.64	2.09	2.20	1.96	2.04
1944.....	2.14	2.12	2.46	2.13	2.11	2.09	1.62	1.66	1.61	1.63
1945.....	2.72	2.79	3.21	2.72	2.79	2.66	2.09	2.14	2.11	2.12
1946.....	2.90	2.91	3.30	2.90	2.91	2.79	2.32	2.41	2.52	2.48
1947.....	3.58	3.52	3.89	3.58	3.52	4.18	3.50	3.43	3.18	3.27
1948.....	2.35	2.51	2.76	2.32	2.51	2.68	2.15	2.15	2.20	2.20

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 84.—*Feed grains: Average price per 100 pounds, selected markets and grades, 1939-48*

Year beginning October—	Kansas City				Chicago		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Grain sorghum, No. 2 Yellow Milo	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, feed
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939.....	1.02	1.14	1.02	1.25	0.97	1.20	0.88
1940.....	1.05	1.15	.97	.88	1.19	1.19	1.01
1941.....	1.39	1.50	1.19	1.22	1.42	1.59	1.20
1942.....	1.60	2.08	1.84	1.97	1.62	2.02	1.77
1943.....	2.01	2.45	2.37	2.34	2.04	2.46	2.41
1944.....	1.96	2.20	2.24	2.14	2.06	2.19	2.13
1945.....	2.44	2.45	2.68	2.72	3.46	2.47	2.58
1946.....	2.74	2.91	3.04	2.90	3.22	2.92	2.98
1947.....	4.35	3.53	3.52	3.58	4.16	3.50	3.52
1948.....	2.39	2.34	2.35	2.35	2.47	2.32	2.30

Year beginning October—	Minneapolis			San Francisco		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Corn, No. 2 Yellow	Barley, No. 2 Bright Western	Grain sorghum, No. 2 Yellow Milo
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939.....	0.94	0.98	0.94	1.54	0.92	1.40
1940.....	1.14	1.12	.93	1.60	1.28	1.34
1941.....	1.31	1.46	1.22	1.83	1.70	1.73
1942.....	1.68	1.92	1.71	2.19	1.96	2.32
1943.....	2.01	2.37	2.35	2.52	2.54	2.82
1944.....	1.98	2.10	2.19	2.51	2.31	2.44
1945.....	2.83	2.38	2.66	2.98	2.90	3.18
1946.....	3.00	2.85	2.99	3.71	3.25	3.39
1947.....	4.09	3.33	3.40	4.66	3.70	4.11
1948.....	2.30	2.19	2.20	3.07	2.58	2.81

Production and Marketing Administration and Bureau of Agricultural Economics. Prices of corn and oats at Kansas City, Chicago, and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and grain sorghum at Kansas City and of barley at Chicago and Minneapolis are average of prices at the close of each day. Prices at San Francisco are the average of prices on one day each week.



TABLE 85.—*Feedstuffs: Disappearance for feed, United States, 1939-48*

Year beginning October—	Mill products <sup>1</sup>							
	Wheat mill- feeds	Gluten feed and meal	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>2</sup>	Alfalfa meal	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1939.....	4,641	614	120	100	163	286	440	6,364
1940.....	4,762	759	125	116	206	322	470	6,760
1941.....	4,532	965	125	174	345	298	590	7,029
1942.....	4,739	927	145	230	356	300	680	7,377
1943.....	4,963	842	139	231	444	161	734	7,514
1944.....	5,488	864	150	217	634	182	922	8,457
1945.....	4,896	802	155	213	326	218	1,192	7,802
1946.....	6,098	1,040	166	229	410	300	1,040	9,283
1947.....	5,480	799	178	228	353	311	999	8,348
1948.....	4,916	848	190	233	334	340	1,122	7,983

Year beginning October—	Oilseed cake <sup>3</sup> and meal						Animal proteins				Total feed- stuffs
	Cot- ton seed	Soy- bean	Lin- seed	Pea- nut	Copra	Total	Tank- age and meat scraps <sup>4</sup>	Fish meal	Dried milk <sup>4</sup>	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1939.....	1,762	1,276	394	38	180	3,650	728	238	155	1,121	11,135
1940.....	1,862	1,491	740	137	175	4,405	802	263	150	1,215	12,380
1941.....	1,821	1,785	891	71	71	4,639	835	207	130	1,172	12,840
1942.....	2,078	3,074	794	109	34	6,089	877	202	95	1,174	14,640
1943.....	1,790	3,323	998	111	33	6,255	975	196	105	1,276	15,045
1944.....	1,982	3,627	469	102	42	6,212	792	210	105	1,107	15,776
1945.....	1,433	3,656	563	90	69	5,810	745	194	100	1,039	14,651
1946.....	1,434	3,745	370	98	190	5,837	741	191	115	1,047	16,167
1947.....	1,953	3,383	606	122	177	6,241	823	213	90	1,126	15,715
1948.....	2,271	4,140	641	96	162	7,310	854	230	95	1,179	16,472

<sup>1</sup> Other mill products, not listed, are screenings, hominy, and oat feeds, etc., for which no statistics are available.

<sup>2</sup> Does not include moist sugar-beet pulp.

<sup>3</sup> Estimated on basis of census reports for 1939-43.

<sup>4</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 86.—*Feedstuffs futures: Volume of trading and annual average of month-end open contracts on all contract markets, <sup>1</sup> 1940-49*

Year beginning October—	Volume of trading				Average of open contracts			
	Bran	Shorts	Cotton- seed meal	Soybean meal	Bran	Shorts	Cotton- seed meal	Soybean meal
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1940.....	563.1	217.0	705.6	621.6	32.4	13.0	<sup>2</sup> 32.8	<sup>2</sup> 49.2
1941.....	475.0	156.9	648.7	354.1	32.1	9.2	39.9	18.5
1942.....	154.3	41.8	33.4	14.1	11.0	3.7	1.8	.6
1943.....	.4	0	0	1.1	( <sup>3</sup> )	0	0	.1
1944.....	4.0	0	.2	1.3	.7	0	.1	.4
1945.....	0	0	.4	0	0	0	( <sup>3</sup> )	0
1946.....	191.7	118.0	151.9	228.7	10.4	6.3	12.0	17.5
1947.....	500.4	309.4	347.9	438.4	29.7	17.1	22.5	26.3
1948.....	356.8	190.8	382.8	539.8	19.3	10.7	25.6	32.1
1949 <sup>4</sup> .....	330.0	129.2	486.7	1,214.9	18.5	8.9	34.9	93.0

<sup>1</sup> Bran and shorts; Kansas City Board of Trade and St. Louis Merchants' Exchange (no trading at St. Louis after June 1943); cottonseed meal and soybean meal; Memphis Merchants Exchange Clearing Association.

<sup>2</sup> 7-month average. Open contract figures from required reports not available prior to March 17, 1941.

<sup>3</sup> Less than 50 tons.

<sup>4</sup> Through August 1950.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members; cottonseed meal and soybean meal trading data prior to March 17, 1941 obtained from exchange records.

TABLE 87.—*Feedstuffs: Average price per ton, bagged, in wholesale lots, at leading markets, 1939-48*

Year beginning October—	Bran			Mill- run	Mid- dlings	Gray shorts	Cottonseed meal		Linseed meal		Soybean meal
	Minne- apolis	Kansas City	Buffalo	Port- land	Minne- apolis	Kansas City	41 per- cent protein	43 per- cent protein ( <sup>1</sup> )	34 per- cent protein ( <sup>2</sup> )	32 per- cent protein ( <sup>2</sup> )	41 per- cent protein
							Memphis	Fort Worth	Minne- apolis	Buffalo	Chicago
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1939.....	20.15	18.90	23.60	22.20	20.75	22.30	28.00	33.85	29.90	31.00	28.90
1940.....	22.25	20.60	25.65	23.40	22.90	22.70	28.50	34.85	29.65	28.30	30.50
1941.....	32.85	31.25	36.85	34.15	33.25	33.30	36.35	44.25	37.55	34.70	41.85
1942.....	36.20	34.85	40.20	36.10	36.35	36.10	40.10	45.20	44.80	45.50	42.80
1943.....	37.75	36.50	41.55	36.50	37.75	36.50	48.50	53.00	45.60	49.50	51.90
1944.....	37.75	36.50	41.55	36.50	37.75	36.50	48.55	52.80	45.60	49.50	52.00
1945.....	43.50	42.30	47.60	42.95	43.65	42.50	60.10	63.85	55.55	59.40	62.40
1946.....	51.30	49.95	56.50	52.90	55.70	56.50	75.85	80.45	81.55	87.70	81.10
1947.....	62.10	59.95	68.90	66.00	68.30	69.65	83.20	87.60	81.25	85.50	91.60
1948.....	47.55	45.00	53.55	51.10	49.05	49.75	63.10	66.50	67.25	72.60	76.40

Year beginning October—	Gluten feed, 23 per- cent protein	Hom- iny feed, white	Brewers' dried grains	Dis- tillers' dried grains	Alfalfa meal		Copra meal, 20 per- cent protein	Peanut meal, 45 per- cent protein	Fish meal, 67 per- cent protein	Tankage, digester, 60 per- cent protein	Index numbers (Oct. 1935- Sept. 1940 = 100) *
	Chicago	Chicago	Mil- waukee	Cin- cinnati	Sun- cured, No. 1 fine	Dehy- drated, 17 per- cent protein					
					Kansas City	Kansas City	San Fran- cisco	South- eastern mills	San Fran- cisco	Chicago	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1939.....	22.05	23.60	22.10	28.10	22.05	30.15	24.60	29.35	51.20	49.65	98.8
1940.....	23.15	27.25	23.10	28.55	21.95	27.55	28.65	25.55	61.50	53.15	102.9
1941.....	28.70	32.05	30.70	34.90	30.10	40.70	45.95	40.60	74.60	74.25	137.9
1942.....	32.40	41.70	35.95	41.10	33.60	46.45	48.75	40.55	79.50	74.55	148.1
1943.....	40.95	49.25	37.00	41.00	42.75	58.45	49.15	53.00	79.50	74.55	165.6
1944.....	41.25	47.55	37.00	41.25	43.00	60.30	48.60	53.10	79.50	74.55	165.7
1945.....	48.85	55.80	44.45	46.85	44.65	60.30	52.70	61.10	83.45	82.80	193.3
1946.....	58.30	64.45	57.20	64.40	41.35	55.60	68.95	74.10	159.50	110.65	241.6
1947.....	74.45	81.15	66.60	79.90	43.35	59.85	83.05	83.20	163.20	119.40	279.5
1948.....	53.80	47.90	51.35	68.30	37.90	47.35	68.00	65.50	193.45	120.65	223.2

<sup>1</sup> 1947-48, 41 percent.<sup>2</sup> 1939-40, 37 percent; 1944-46, 32 percent.<sup>3</sup> 1939-40, 37 percent; 1941-43 and 1948, 34 percent.<sup>4</sup> The index is based on the prices of the following commodities at the leading markets, weighted by average consumption: Bran, middlings and shorts, cottonseed meal, linseed meal, soybean meal, gluten feed, hominy feed, brewers' dried grains, distillers' dried grains, alfalfa meal and tankage.

Production and Marketing Administration.

## CHAPTER II

# STATISTICS OF COTTON, SUGAR, AND TOBACCO

In addition to tables on cotton, sugar, and tobacco, this chapter includes tables on other fibers, sorgo sirup, maple sugar and sirup, honey, bees, and beeswax. Most cottonseed data, however, are in the chapter on oilseeds, fats, and oils.

Much of the information on cotton lint, particularly that relating to domestic supply and distribution, is given in terms of "running" bales. The term "running bale," when applied to weight, is the average weight of a bale as it comes from the gin; when applied to number, it is the number of bales actually ginned.

A sugar table, formerly published in this chapter, has been restored in this issue. It relates to the total and per capita consumption of sugar in the United States since 1934 on a calendar year basis.

TABLE 88.—Cotton: Acreage, yield, production, value, and foreign trade, United States, 1929-49

Year	Cotton							Cottonseed			
	Acreage in cultivation July 1	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Market price per pound, New Orleans year beginning August <sup>3</sup>	Foreign trade, year beginning August <sup>4</sup>		Production	Farm value
								Domestic exports <sup>5</sup>	Imports <sup>5</sup>		
1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	Cents	1,000 bales	1,000 bales	1,000 tons	1,000 dollars	
1929		43,227		14,574							
1929	44,448	43,232	164.2	14,825	16.78	1,243,840	16.16	7,035	396	6,406	198,164
1930	43,329	42,444	157.1	13,932	9.46	658,981	10.08	7,133	112	6,023	133,054
1931	39,110	38,704	211.5	17,097	5.66	483,575	6.20	9,193	138	7,310	65,678
1932	36,494	35,891	173.5	13,003	6.52	423,975	7.26	8,895	136	5,815	60,202
1933	40,248	29,383	212.7	13,047	10.17	663,383	10.92	7,964	156	5,511	71,166
1934		26,754		9,472							
1934	27,860	26,866	171.6	9,636	12.36	595,572	12.44	5,037	112	4,256	140,574
1935	28,063	27,509	185.1	10,638	11.09	590,021	11.65	6,267	162	4,634	141,527
1936	30,627	29,755	199.4	12,399	12.36	766,222	12.79	5,689	265	5,472	182,230
1937	34,090	33,623	269.9	18,946	7.86	796,469	8.79	5,976	166	7,844	152,974
1938	25,018	24,248	235.8	11,943	7.80	513,704	8.73	3,512	157	4,950	107,874
1939		22,811		11,481							
1939	24,683	23,805	237.9	11,817	9.09	536,996	10.03	6,501	176	4,869	102,933
1940	24,871	23,861	252.5	12,566	9.89	621,284	11.06	1,174	202	5,286	114,817
1941	23,130	22,236	231.9	10,744	17.03	914,313	18.17	1,162	279	4,553	216,961
1942	23,302	22,602	272.4	12,817	19.04	1,219,716	19.96	1,540	180	5,202	237,221
1943	21,900	21,610	254.0	11,427	19.88	1,135,605	20.44	1,199	145	4,688	244,059
1944		18,962		11,838							
1944	19,990	19,651	208.9	12,230	20.73	1,267,857	21.69	1,997	193	4,902	258,163
1945	17,588	17,083	253.3	9,015	22.52	1,014,823	25.82	3,733	348	3,664	187,155
1946	18,251	17,674	234.5	8,640	32.64	1,409,668	34.65	3,656	284	3,514	252,697
1947	21,611	21,380	266.0	11,860	31.93	1,892,949	34.41	2,025	301	4,682	402,058
1948	23,644	22,921	311.2	14,877	30.38	2,260,089	31.94	4,960	177	5,945	399,755
1949	27,719	27,230	284.0	16,128	28.10	2,262,909	31.60			6,613	286,965

<sup>1</sup> Census of Agriculture figures for all periods are in running bales. Department of Agriculture figures are in 500-pound gross-weight bales for all years.

<sup>2</sup> Gross weight price, including bagging and ties.

<sup>3</sup> Prices from reports of the New Orleans Cotton Exchange. These central-market prices are for middling grade,  $\frac{3}{8}$  inch staple, through 1939; beginning August 1940, prices are for  $\frac{1}{8}$ -inch staple.

<sup>4</sup> Compiled from records of the Department of Commerce.

<sup>5</sup> Equivalent bales of 500 pounds gross weight.

<sup>6</sup> Acreage in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

<sup>7</sup> Through 1947, prices include an allowance for unredeemed loans at season average price or average loan value, whichever is higher, and loan cotton and loan value for 1948 and 1949.

<sup>8</sup> Imports for consumption, beginning January 1934; re-exports not considered beginning this date.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Production figures conform with census annual ginning enumerations. Data for 1899-1928 in Agricultural Statistics, 1942, table 136. Data revised beginning 1945.

TABLE 89.—Cotton: Acreage, production, and season average price per pound and per ton of cottonseed received by farmers, by States, average 1938-47, annual 1948 and 1949

State	Cotton												Cottonseed					
	Acreage in cultivation July 1			Acreage harvested			Production (500-pound gross weight bales)			Price <sup>2</sup> for crop of—			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	Cents per lb.	Cents per lb.	Cents per lb.	1,000 tons	1,000 tons	1,000 tons	Dol- lars	Dol- lars	Dol- lars
Missouri.....	388	563	604	382	555	583	356	506	462	18.82	29.09	28.4	152	213	201	44.70	63.30	40.30
Virginia.....	31	26	33	30	26	32	22	24	20	19.08	30.68	28.8	9	10	9	46.90	58.70	42.80
North Carolina.....	764	742	869	750	737	860	549	678	466	19.50	30.68	28.9	223	282	197	46.20	60.30	42.10
South Carolina.....	1,136	1,123	1,283	1,118	1,120	1,270	716	871	554	19.64	30.48	29.1	288	359	233	46.20	62.10	42.70
Georgia.....	1,636	1,295	1,618	1,608	1,289	1,600	779	751	604	19.67	31.10	28.9	315	303	252	46.50	66.50	43.80
Florida.....	50	30	51	47	29	50	14	15	16	19.15	30.55	29.4	6	6	7	40.80	66.90	46.00
Tennessee.....	694	773	845	684	770	830	523	669	633	19.02	30.01	29.1	203	255	261	47.70	64.80	42.60
Alabama.....	1,719	1,637	1,825	1,691	1,630	1,810	901	1,197	852	19.33	30.86	29.6	347	469	351	45.70	60.80	42.30
Mississippi.....	2,473	2,583	2,859	2,397	2,560	2,730	1,588	2,353	1,487	19.86	31.08	29.7	671	912	612	48.50	68.40	44.60
Arkansas.....	1,968	2,335	2,616	1,916	2,305	2,530	1,329	1,982	1,632	18.90	29.85	28.0	553	756	674	47.10	65.40	42.30
Louisiana.....	1,998	957	1,077	970	950	1,050	528	756	650	19.17	31.24	29.1	217	302	264	44.50	66.70	42.10
Oklahoma.....	1,558	1,069	1,344	1,491	1,025	1,300	521	374	610	17.58	28.59	26.4	220	158	246	47.00	68.20	42.40
Texas.....	7,923	8,806	10,988	7,642	8,613	10,900	2,732	3,153	6,040	18.46	29.60	27.0	1,120	1,306	2,480	47.40	72.10	43.60
New Mexico.....	119	215	323	116	209	309	119	236	276	20.82	32.21	29.1	48	95	109	50.30	70.00	42.70
Arizona.....	202	282	401	200	281	400	174	328	543	21.20	30.61	28.0	77	137	220	48.70	68.00	45.20
California.....	357	810	963	352	804	957	447	968	1,268	19.48	31.35	28.5	177	376	491	51.40	73.20	46.00
Other States <sup>3</sup> .....	19	18	20	18	18	19	16	16	15	18.49	29.16	28.5	7	6	6	46.10	63.50	42.10
United States.....	22,034	23,264	27,719	21,415	22,921	27,230	11,306	14,877	16,128	19.14	30.38	28.1	4,631	5,945	6,613	47.20	67.20	43.40
American Egyptian..	65.2	4.0	5.6	63.5	4.0	5.6	29.5	3.6	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> Gross weight price, including bagging and ties. Through 1947, prices include an allowance for unredeemed loans at season average price or average loan value, whichever is higher, and loan cotton and loan value for 1948 and 1949.<sup>3</sup> Includes Illinois, Kansas, and Kentucky for all years and Nevada for 1948 and 1949.

Bureau of Agricultural Economics. Cotton production figures conform with census annual ginning enumerations, with allowance for cross-State ginnings. State and United States totals include Sea Island and American Egyptian cotton. Due to very small acreage, Sea Island cotton is not reported separately.

TABLE 90.—Cotton: Percentage reduction from full yield per acre from stated causes, by States, 1948 and 1949

State	Deficient moisture		Excessive moisture		Other climatic factors		Plant diseases		Boll weevil		Other insects	
	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Missouri.....	3	1	4	17	3	4	1	1	0	0	2	1
Virginia.....	1	2	1	5	4	1	1	1	2	23	0	2
North Carolina.....	3	2	2	10	2	3	1	1	6	27	1	1
South Carolina.....	3	4	2	11	3	4	1	2	8	29	1	2
Georgia.....	3	1	2	10	3	2	1	1	13	35	2	2
Florida.....	3	4	4	14	4	4	2	1	7	18	1	2
Tennessee.....	4	1	1	7	6	2	1	1	1	13	1	0
Alabama.....	3	2	1	10	5	1	1	1	7	31	1	1
Mississippi.....	2	1	1	12	2	2	0	1	4	27	0	1
Arkansas.....	2	1	2	9	4	2	1	1	4	25	1	1
Louisiana.....	10	2	0	8	4	2	0	1	3	15	1	1
Oklahoma.....	11	5	3	2	11	6	1	1	10	8	2	2
Texas.....	22	3	0	1	8	5	1	1	4	3	3	3
Average.....	8.8	2.1	1.2	7.2	5.0	3.2	.8	1.1	5.0	17.5	1.6	1.7

State	Climatic factors		Plant diseases		Sucking bugs		Other insects	
	1948	1949	1948	1949	1948	1949	1948	1949
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Western irrigated area:								
Texas (Trans-Pecos area).....	21	10	2	5	2	2	2	4
New Mexico.....	10	18	3	4	1	1	3	4
Arizona.....	8	7	1	1	2	3	1	1
California.....	9	5	5	3	1	1	1	2
Area.....	9.8	7.9	3.8	3.0	1.2	1.5	1.4	2.3

Bureau of Agricultural Economics. Percentages of five-tenths or less shown as zero.

TABLE 91.—Cotton: Production in specified countries, 1929-49<sup>1</sup>

Year beginning Aug. 1	United States	India	China <sup>2</sup>	U.S.-S.R.	Egypt	Brazil	Peru	Mexico	Argentina	Uganda	Anglo-Egyptian Sudan	Estimated world total
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1929.....	14,825	4,331	2,458	1,229	1,768	571	303	246	150	108	139	26,860
1930.....	13,932	4,300	2,615	1,587	1,715	483	271	178	139	158	106	26,200
1931.....	17,097	3,325	2,092	1,845	1,317	555	234	210	169	173	206	27,850
1932.....	13,003	3,844	2,720	1,816	1,027	481	242	102	150	247	121	24,450
1933.....	13,047	4,189	2,981	1,887	1,777	1,014	278	260	200	239	135	26,920
1934.....	9,636	3,987	3,243	1,687	1,566	1,328	342	223	295	212	227	23,810
1935.....	10,638	5,553	2,667	2,250	1,769	1,757	386	315	373	269	201	27,515
1936.....	12,399	5,994	3,870	3,400	1,887	1,817	376	397	144	283	268	32,351
1937.....	18,946	5,137	3,556	3,700	2,281	2,075	396	341	237	349	264	39,005
1938.....	11,943	5,170	2,301	3,800	1,728	1,989	378	307	327	253	263	29,960
1939.....	11,817	4,888	1,883	4,000	1,801	2,141	383	312	362	252	245	29,635
1940.....	12,566	5,760	2,354	3,000	1,900	2,505	329	302	332	310	268	31,205
1941.....	10,744	5,820	2,406	( <sup>4</sup> )	1,735	1,844	322	375	373	198	234	27,905
1942.....	12,817	4,283	2,200	( <sup>4</sup> )	877	2,172	262	458	498	94	274	27,345
1943.....	11,427	4,710	1,500	( <sup>4</sup> )	740	2,700	310	515	553	160	175	25,635
1944.....	12,230	3,693	1,600	( <sup>4</sup> )	962	1,626	325	472	332	228	313	24,815
1945.....	9,015	3,529	1,820	1,700	1,082	1,350	329	434	285	191	194	21,125
1946.....	8,640	<sup>5</sup> 3,498	1,925	2,240	1,252	1,350	299	460	334	193	235	21,590
1947.....	11,860	<sup>5</sup> 3,435	2,136	2,400	1,314	1,260	282	484	423	141	215	25,240
1948 <sup>6</sup> .....	14,877	<sup>5</sup> 2,792	2,115	2,600	1,836	1,500	296	570	450	325	256	29,140
1949 <sup>6</sup> .....	16,127	<sup>5</sup> 3,257	1,700	2,700	1,691	1,635	325	985	500	267	281	31,220

<sup>1</sup> These estimates are intended to include the total cotton production in each country, as distinguished from estimates of the "commercial crop" (table 93), which exclude cotton consumed on hand spindles or in other ways, without entering commercial channels. Differences from year to year between these two series of production estimates for a given country may also occur because of changes in stocks of cotton on hand at the beginning and end of the cotton-marketing season, which changes are used in estimating the production of commercial cotton in many foreign countries.

<sup>2</sup> Includes Manchuria. <sup>3</sup> Bales of 500 pounds gross weight. <sup>4</sup> Comparable data not available.

<sup>5</sup> Includes 1,157,000 bales for Pakistan in 1946, 925,000 in 1947, 832,000 in 1948, and 957,000 in 1949.

<sup>6</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of the United States Foreign Service officers, and other information.

TABLE 92.—Cotton: Acreage and production in specified areas, averages 1935-39 and 1940-44, annual 1947-49<sup>1</sup>

Continent and country	Acreage					Production <sup>4</sup>				
	Year beginning Aug. 1 <sup>2</sup>					Year beginning Aug. 1 <sup>2</sup>				
	Average		1947	1948 <sup>3</sup>	1949 <sup>3</sup>	Average		1947	1948 <sup>3</sup>	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
North America:										
El Salvador.....	9	23	38	32	34	5	12	22	22	28
Guatemala.....		7	7	8	8	2	3	5	5	5
Mexico.....	725	855	927	1,050	1,446	334	425	484	570	985
Nicaragua.....	9	7		8	35	5	5	4	6	20
United States.....	27,788	21,992	21,380	22,921	27,230	13,149	11,957	11,860	14,877	16,127
British West Indies.....	20	20	9	12		5	5	3	5	4
Haiti.....			40	40	40	22	12	11	13	14
Total <sup>5</sup> .....	28,642	22,960	22,410	24,075	28,809	13,523	12,421	12,389	15,498	17,183
Europe:										
Bulgaria <sup>6</sup> .....	85	61	105			35	17	28		
Greece.....	168	101	105	112	141	76	27	53	54	71
Italy.....	56	106	45	38	43	21	27	15	12	9
Rumania <sup>6</sup> .....	8	63	109			2	11	16		
Spain.....	46	96	108	132	142	10	17	13	31	14
Yugoslavia.....	8	15				3	4			
Total <sup>5</sup> .....	372	443	499	593	662	147	103	135	161	164
U.S.S.R. (Europe and Asia).....	5,087	3,911	3,625	4,100	4,550	3,430	2,080	2,400	2,600	2,700
Asia:										
Cyprus.....	11	6		5	6	3	1	1		2
Iran.....	453	384	205	259	222	171	105	80	92	96
Iraq.....	53	73	21	25		11	10	3	2	8
Syria.....	85	48	48	54		28	15	25	28	
Turkey.....	667	736	502	734	885	249	241	218	308	436
Afghanistan.....						49	23	10	20	20
Burma.....	428	364	192	171	142	97	80	35	35	22
China (inc. Manchuria).....	7,038	5,849	6,400	6,300	5,300	2,855	2,012	2,136	2,115	1,700
French Indochina.....	36					6	7	3	3	3
Japan.....	2		7	7	12	1	1	5	2	3
India.....	<sup>8</sup> 24,204	<sup>8</sup> 20,518	10,932	11,055	11,500	<sup>8</sup> 5,348	<sup>8</sup> 4,853	2,510	1,960	2,300
Korea <sup>9</sup> .....	564	776	355	282	<sup>7</sup> 330	198	196	64	72	81
Indonesia.....	27	24				9	10	1	1	1
Pakistan.....	( <sup>8</sup> )	( <sup>8</sup> )	3,122	2,799	2,811	( <sup>8</sup> )	( <sup>8</sup> )	925	832	957
Philippine Islands.....	5	15		2	3	1	3	( <sup>10</sup> )	( <sup>10</sup> )	1
Siam (Thailand).....	16	80	87	70		7	29	27	27	27
Total <sup>5</sup> .....	33,805	29,100	21,960	21,900	21,648	9,038	7,593	6,045	5,504	5,720
South America:										
Argentina.....	770	826	815	1,150	1,200	289	398	423	450	500
Brazil.....	5,562	5,812	4,500	4,100	4,500	1,956	2,169	1,260	1,500	1,635
Colombia.....	98	99				23	22	25	28	40
Ecuador.....	40	38				13	9	10	12	9
Paraguay.....	111	116	74	131	180	40	42	33	50	60
Peru.....	428	353	321	358		384	310	282	296	325
Venezuela.....	50	53				11	15	10	13	5
Total <sup>5</sup> .....	7,060	7,299	5,917	5,976	6,492	2,716	2,965	2,043	2,350	2,575

See footnotes at end of table.

TABLE 92.—Cotton: Acreage and production in specified areas, averages 1935-39 and 1940-44, annual 1947-49<sup>1</sup>—Continued

Continent and country	Acreage					Production <sup>4</sup>				
	Year beginning Aug. 1 <sup>2</sup>					Year beginning Aug. 1 <sup>2</sup>				
	Average		1947	1948 <sup>3</sup>	1949 <sup>3</sup>	Average		1947	1948 <sup>3</sup>	1949 <sup>3</sup>
	1935-39	1940-44				1935-39	1940-44			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
Africa and Oceania:										
Anglo-Egyptian Sudan.....	439	363	363	402	428	248	253	215	256	281
Belgian Congo.....	874	923	754	741	-----	172	182	184	220	200
Kenya.....	-----	-----	28	7 43	-----	13	21	4	8	6
Nyasaland.....	84	56	-----	-----	-----	12	7	11	10	8
Tanganyika.....	-----	-----	-----	-----	-----	50	45	42	38	43
Uganda.....	1,477	1,152	1,037	1,561	1,629	281	198	141	325	267
Egypt.....	1,821	1,162	1,302	1,496	1,754	1,893	1,243	1,314	1,836	1,691
French Equatorial Africa.....	390	583	-----	-----	-----	41	87	108	107	110
French Morocco.....	1	5	-----	2	2	( <sup>10</sup> )	2	2	1	1
French West Africa.....	-----	-----	-----	-----	-----	28	20	14	16	35
Mozambique.....	-----	497	-----	634	-----	( <sup>11</sup> ) 33	93	101	119	125
Nigeria.....	-----	-----	-----	-----	-----	36	30	60	60	60
Angola.....	73	-----	-----	-----	-----	13	24	24	20	28
Southern Rhodesia.....	2	5	4	-----	-----	( <sup>10</sup> )	1	1	1	1
Union of South Africa.....	-----	-----	-----	8	27	2	1	2	4	16
Australia.....	53	35	7	2	4	11	7	2	1	1
Total <sup>5</sup> .....	6,176	5,642	5,299	6,306	6,759	2,840	2,219	2,228	3,027	2,878
World total <sup>5</sup> .....	81,142	69,355	59,710	62,950	68,920	31,694	27,381	25,240	29,140	31,220

<sup>1</sup> These estimates represent total acreage and production in each country, including cotton consumed on hand spindles or in other ways without entering commercial channels. For this reason some of them should average somewhat larger than estimates of the "commercial crops."

<sup>2</sup> Years shown refer to crop years in which the major portion of crop was harvested.

<sup>3</sup> Preliminary.

<sup>4</sup> United States production in bales of 500 pounds gross weight (480 pounds net); others in bales of 478 pounds net through 1945 and 480 pounds thereafter.

<sup>5</sup> Includes estimates for minor producing countries not listed above and allowances for other figures not available.

<sup>6</sup> Figures for 1943 to date are not comparable with prewar figures because of boundary changes.

<sup>7</sup> Planted area.

<sup>8</sup> Pakistan included with India.

<sup>9</sup> South Korea only after 1941.

<sup>10</sup> Less than 500.

<sup>11</sup> Exports.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics, reports of United States Foreign Service officers, and results of office research.

TABLE 93.—*Cotton, commercial: World carry-over, production, supply, and mill consumption, 1940-49*<sup>1</sup>

Year beginning August—	Carry-over, beginning of season			Production		
	American	Foreign growths	Total	American	Foreign growths	Total
	<i>1,000 bales</i> <sup>2</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>2</sup>	<i>1,000 bales</i> <sup>2</sup>	<i>1,000 bales</i> <sup>2</sup>	<i>1,000 bales</i> <sup>2</sup>
1940.....	12,542	7,720	20,262	12,315	16,405	28,720
1941.....	12,797	9,370	22,167	10,628	14,988	25,616
1942.....	11,165	11,420	22,585	12,534	13,048	25,582
1943.....	11,280	12,290	23,570	11,075	13,446	24,521
1944.....	11,241	14,163	25,404	11,994	11,637	23,631
1945.....	12,150	14,448	26,598	8,972	10,918	19,890
1946.....	9,734	13,307	23,041	8,582	11,572	20,154
1947.....	5,250	11,847	17,097	11,689	11,643	23,332
1948 <sup>3</sup> .....	4,234	9,669	13,903	14,685	12,630	27,315
1949 <sup>3</sup> .....	7,362	7,406	14,768	14,597	-----	-----
	Supply			Mill consumption <sup>4</sup>		
1940.....	24,857	24,125	48,982	11,990	14,655	26,645
1941.....	23,425	24,358	47,783	12,210	12,873	25,083
1942.....	23,699	24,468	48,167	12,359	12,014	24,373
1943.....	22,355	25,736	48,091	11,064	11,520	22,584
1944.....	23,235	25,800	49,035	10,960	11,276	22,236
1945.....	21,122	25,366	46,488	11,128	12,009	23,137
1946.....	18,316	24,879	43,195	13,019	12,933	25,952
1947.....	16,939	23,490	40,429	12,685	13,721	26,406
1948 <sup>3</sup> .....	18,919	22,299	41,218	11,522	14,778	26,300
1949 <sup>3</sup> .....	21,959	-----	-----	-----	-----	-----

<sup>1</sup> Includes only raw cotton produced for factory consumption and does not include large quantities grown in India, China, and other countries for consumption on hand spindles or for use in other non-commercial ways.

<sup>2</sup> American in running bales; foreign in bales of approximately 500 pounds.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes estimates of cotton destroyed.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange Service and estimates of the Department of Agriculture. Data showing details by growths in Agricultural Statistics, 1942, table 146, and in 1948 book, table 96.



TABLE 94.—*Cotton: Supply and distribution, United States, 1940-50*

Year beginning August—	Supply					Distribution					
	Carry-over, beginning of season		Ginnings in season <sup>1</sup>	Imports <sup>2</sup>	Total supply	Consumption <sup>3</sup>		De- stroyed	Ex- ports <sup>3</sup>	Carry-over, end of season	
	For- eign	Total				For- eign	Total			For- eign	Total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1940.....	95	10,564	12,318	188	23,070	146	9,722	70	1,112	140	12,166
1941.....	140	12,166	10,552	252	22,970	196	11,170	50	1,125	135	10,640
1942.....	135	10,640	12,496	168	23,304	170	11,100	60	1,480	88	10,657
1943.....	88	10,657	11,083	129	21,869	114	9,943	50	1,138	118	10,744
1944.....	118	10,744	11,924	190	22,858	120	9,568	50	2,007	124	11,164
1945.....	124	11,164	8,852	343	20,359	198	9,163	60	3,613	153	7,326
1946.....	153	7,326	8,574	270	16,170	259	10,025	16	3,544	132	2,530
1947.....	132	2,530	11,648	238	14,416	246	9,354	20	1,963	93	3,080
1948.....	93	3,080	14,649	163	17,892	161	7,795	35	4,747	69	5,287
1949 <sup>5</sup> .....	69	5,287	15,921	245	21,453	184	8,851	37	5,771	98	6,846
1950 <sup>6</sup> .....	98	6,846									

<sup>1</sup> Ginnings during the 12 months, August 1 through July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather.

<sup>2</sup> Total imports minus re-exports.

<sup>3</sup> Total exports minus re-imports.

<sup>4</sup> American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

<sup>5</sup> Supply exceeds distribution.

<sup>6</sup> Preliminary.

Production and Marketing Administration. Compiled from reports of the Bureau of the Census.

TABLE 95.—*Cotton: Mill consumption, by growths, United States, 1940-49*

Year beginning August—	Domestic				Foreign					All growths
	Upland	American Egyptian	Sea Island	Total	Egyptian	Chinese	Indian	Other	Total	
	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>
1940.....	9,545,314	26,937	3,270	9,575,521	60,884	4,459	77,929	2,910	146,182	9,721,703
1941.....	10,922,303	47,031	4,281	10,973,615	83,854	2,141	103,536	6,960	196,491	11,170,106
1942.....	10,874,337	49,783	5,664	10,929,784	103,607	1,708	58,903	6,080	170,298	11,100,082
1943.....	9,782,457	43,784	3,254	9,829,495	66,736	271	42,274	4,594	113,875	9,943,370
1944.....	9,403,831	43,533	1,067	9,448,431	65,705	297	49,257	4,242	119,501	9,567,932
1945.....	8,945,637	19,485	503	8,965,625	77,426		108,367	11,789	197,582	9,163,207
1946.....	9,755,878	9,477		9,765,355	106,512		125,972	26,972	259,456	10,024,811
1947.....	9,103,096	5,220		9,108,316	119,389		100,384	26,303	246,076	9,354,392
1948.....	7,629,641	4,359		7,634,000	87,194		62,097	12,113	161,404	7,795,404
1949.....	8,663,917	3,186		8,667,103	100,204		63,819	19,762	183,785	8,850,888

<sup>1</sup> American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

Production and Marketing Administration. Compiled from reports of the Bureau of the Census.

TABLE 96.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by grade, United States, 1940-50

Year beginning August—	Extra White and White						Spotted			Other Col- ored <sup>1</sup>	All grades <sup>2</sup>
	Good Mid- dling and better	Strict Mid- dling	Mid- dling	Strict Low Mid- dling	Low Mid- dling	Strict Good Ord- inary and Good Ord- inary	Strict Mid- dling and better	Mid- dling	Strict Low Mid- dling		
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1940.....	179	1,428	3,524	2,858	734	69	702	651	118	190	10,453
1941.....	198	1,601	4,177	3,225	731	163	806	677	147	286	12,011
1942.....	77	966	2,761	2,852	1,174	428	622	775	371	449	10,475
1943.....	70	710	2,689	2,861	1,524	627	494	793	387	375	10,530
1944.....	90	1,043	2,770	2,970	1,397	564	489	702	276	258	10,559
1945.....	64	784	2,696	2,954	1,469	1,005	574	774	269	417	11,006
1946.....	36	594	1,943	1,720	760	934	261	356	187	374	7,165
1947.....	52	419	646	489	242	313	27	48	56	100	2,392
1948.....	57	530	1,005	520	295	214	49	75	87	156	2,988
1949.....	40	666	1,999	1,420	437	120	115	150	108	161	5,216
1950.....	44	718	2,376	2,108	562	68	266	383	80	140	6,745
GINNINGS											
1940.....	69	1,468	5,290	3,459	589	377	335	214	140	320	12,261
1941.....	29	773	3,446	3,133	1,086	518	449	404	286	309	10,434
1942.....	40	855	4,302	3,916	1,243	475	605	538	196	193	12,363
1943.....	163	1,475	3,584	3,745	1,009	238	413	294	64	84	11,069
1944.....	11	486	3,702	4,333	1,484	646	270	380	130	389	11,831
1945.....	10	364	2,328	2,924	1,196	813	273	399	161	341	8,809
1946.....	34	655	2,652	2,866	781	440	381	451	122	133	8,515
1947.....	365	2,452	4,080	1,780	820	365	698	378	263	355	11,556
1948.....	111	1,762	5,579	3,578	1,031	445	692	493	306	580	14,577
1949.....	50	924	4,311	5,218	1,763	331	864	1,333	475	636	15,905
SUPPLY <sup>4</sup>											
1940.....	248	2,896	8,814	6,317	1,323	446	1,037	865	258	510	22,714
1941.....	227	2,374	7,623	6,358	1,817	682	1,255	1,081	433	595	22,445
1942.....	117	1,821	7,063	6,768	2,417	903	1,227	1,313	567	642	22,838
1943.....	233	2,185	6,273	6,606	2,533	865	907	1,087	451	459	21,599
1944.....	101	1,529	6,472	7,303	2,881	1,210	759	1,082	406	647	22,390
1945.....	74	1,148	5,024	5,878	2,665	1,818	847	1,173	430	758	19,815
1946.....	70	1,249	4,595	4,586	1,541	1,374	642	807	309	507	15,680
1947.....	417	2,871	4,726	2,269	1,062	678	725	426	319	455	13,948
1948.....	168	2,292	6,584	4,098	1,326	659	741	568	393	736	17,565
1949.....	90	1,590	6,310	6,638	2,200	451	979	1,483	583	797	21,121
DISAPPEARANCE <sup>5</sup>											
1940.....	50	1,295	4,637	3,092	592	283	231	188	111	224	10,703
1941.....	150	1,408	4,862	3,506	643	254	633	306	62	146	11,970
1942.....	47	1,111	4,374	3,907	893	276	733	520	180	267	12,308
1943.....	143	1,142	3,503	3,636	1,136	301	418	385	175	201	11,040
1944.....	37	745	3,776	4,349	1,412	205	185	308	137	230	11,384
1945.....	38	554	3,081	4,158	1,905	884	586	817	243	384	12,650
1946.....	18	830	3,949	4,097	1,299	1,061	615	759	253	407	13,288
1947.....	300	2,341	3,721	1,749	767	464	676	351	232	299	10,960
1948.....	128	1,626	4,585	2,678	889	539	626	418	285	575	12,349
1949.....	46	872	3,934	4,530	1,638	383	713	1,100	603	657	14,376

<sup>1</sup> Includes Low Middling Spotted and all grades of Tinged, Yellow Stained, and Gray. Below grade is also included.

<sup>2</sup> Bureau of the Census.

<sup>3</sup> Running bales; round bales counted as half bales.

<sup>4</sup> Carry-over at the beginning of the season, plus ginnings.

<sup>5</sup> Supply minus carry-over at the end of the season.

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TABLE 97.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by staple lengths, United States, 1940-50

CARRY-OVER									
Year beginning August—	13/16 inch and shorter <sup>1</sup>	7/8 and 29/32 inch	15/16 and 31/32 inch	1 and 1 1/32 inches	1 1/16 and 1 1/32 inches	1 1/8 and 1 1/2 inches	1 3/16 and 1 1/2 inches	1 1/4 inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1940.....	781	2,827	2,583	2,149	1,443	678	54	38	10,453
1941.....	705	2,853	3,254	2,780	1,688	598	84	49	12,011
1942.....	876	2,751	2,335	2,570	1,301	472	107	63	10,475
1943.....	1,075	2,711	2,040	2,246	1,723	521	136	78	10,530
1944.....	1,327	2,525	2,208	2,631	1,288	386	137	57	10,559
1945.....	1,166	2,693	2,010	2,764	1,833	385	104	51	11,006
1946.....	562	1,172	1,228	2,103	1,562	385	105	48	7,165
1947.....	25	164	343	1,022	544	213	52	29	2,392
1948.....	53	242	398	1,219	795	238	29	14	2,988
1949.....	23	122	356	2,139	2,293	255	18	10	5,216
1950.....	52	520	707	2,349	2,739	291	61	26	6,745
GINNINGS									
1940.....	334	1,591	2,999	4,185	2,506	534	67	45	12,261
1941.....	441	1,224	2,265	3,821	1,968	496	139	80	10,434
1942.....	531	1,668	2,586	4,331	2,518	521	110	98	12,363
1943.....	858	1,257	2,593	4,230	1,631	302	142	56	11,069
1944.....	550	1,330	2,188	4,884	2,539	254	65	21	11,831
1945.....	234	677	1,697	3,699	2,262	181	40	19	8,809
1946.....	168	620	1,108	3,494	2,879	201	30	15	8,515
1947.....	813	1,263	1,774	4,988	2,581	128	7	2	11,556
1948.....	569	1,230	1,663	5,724	5,095	279	12	5	14,577
1949.....	615	2,493	2,376	4,956	5,069	314	64	18	15,905
SUPPLY <sup>4</sup>									
1940.....	1,115	4,418	5,582	6,334	3,949	1,112	121	83	22,714
1941.....	1,146	4,077	5,519	6,601	3,656	1,094	223	129	22,445
1942.....	1,407	4,419	4,921	6,901	3,819	993	217	161	22,838
1943.....	1,933	3,968	4,633	6,476	3,354	823	278	134	21,599
1944.....	1,877	3,855	4,396	7,515	3,527	640	202	78	22,390
1945.....	1,400	3,370	3,707	6,463	4,095	566	144	70	19,815
1946.....	730	1,792	2,336	5,597	4,441	586	135	63	15,680
1947.....	838	1,427	2,117	6,010	3,125	341	59	31	13,948
1948.....	622	1,472	2,061	6,943	5,890	517	41	19	17,565
1949.....	638	2,615	2,732	7,095	7,362	569	82	28	21,121
DISAPPEARANCE <sup>5</sup>									
1940.....	410	1,565	2,328	3,554	2,261	514	37	34	10,703
1941.....	270	1,326	3,184	4,031	2,355	622	116	66	11,970
1942.....	332	1,708	2,881	4,655	2,096	472	81	83	12,308
1943.....	606	1,443	2,425	3,845	2,066	437	141	77	11,040
1944.....	711	1,162	2,386	4,751	1,994	255	98	27	11,384
1945.....	838	2,198	2,479	4,360	2,533	181	39	22	12,650
1946.....	705	1,628	1,993	4,575	3,897	373	83	34	13,288
1947.....	785	1,185	1,719	4,791	2,330	103	30	17	10,960
1948.....	599	1,350	1,705	4,804	3,597	262	23	9	12,349
1949.....	586	2,095	2,025	4,746	4,623	278	21	2	14,376

<sup>1</sup> Includes "No staple" and "perished staple."<sup>2</sup> Bureau of the Census.<sup>3</sup> Running bales; round bales counted as half bales.<sup>4</sup> Carry-over at the beginning of the season, plus ginnings.<sup>5</sup> Supply minus carry-over at the end of the season.

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TABLE 98.—*Cotton: Grade index and average staple length of upland cotton ginned in the United States, by States, 1945-49*

State	Grade index <sup>1</sup>					Average staple length <sup>2</sup>				
	1945	1946	1947	1948	1949	1945	1946	1947	1948	1949
						<i>32ds</i> of an inch	<i>32ds</i> of an inch	<i>32ds</i> of an inch	<i>32ds</i> of an inch	<i>32ds</i> of an inch
Alabama.....	96.6	96.1	98.7	95.4	95.6	32.0	32.4	32.1	32.2	33.2
Arizona.....	94.4	92.1	93.9	97.9	95.9	32.6	32.6	32.2	32.9	32.9
Arkansas.....	89.0	93.0	96.3	93.4	92.9	32.7	33.3	32.3	33.1	33.2
California.....	94.4	97.3	101.2	99.0	96.5	33.5	33.5	33.7	33.4	34.0
Florida.....	94.5	97.6	96.1	95.4	93.6	32.5	32.8	32.5	33.0	33.3
Georgia.....	92.9	95.5	96.3	95.3	94.0	32.1	32.2	32.2	32.5	32.8
Louisiana.....	94.5	95.8	98.7	98.3	96.3	33.5	33.4	33.1	33.5	33.8
Mississippi.....	92.9	96.6	98.0	95.4	96.0	33.8	34.2	33.3	34.0	34.3
Missouri.....	83.5	89.5	93.1	90.8	91.6	32.7	33.4	33.2	33.6	34.0
New Mexico.....	96.9	98.3	98.9	100.8	99.1	34.4	34.5	34.2	35.0	35.7
North Carolina.....	90.1	93.2	89.3	92.4	92.0	32.5	33.2	32.3	33.1	33.0
Oklahoma.....	86.8	90.3	93.9	95.4	93.0	28.9	29.3	28.7	29.1	29.5
South Carolina.....	88.9	94.9	94.5	93.5	92.1	32.3	33.1	32.9	33.1	32.7
Tennessee.....	88.6	94.0	96.7	94.7	94.9	32.2	32.9	32.7	32.5	33.3
Texas.....	92.1	94.6	97.0	97.6	93.7	30.3	30.5	29.5	29.8	29.9
Virginia.....	92.5	93.8	91.1	92.4	91.1	32.5	32.6	32.7	33.4	33.3
All other <sup>3</sup> .....	85.5	87.3	91.3	88.8	91.9	32.7	32.7	32.6	33.3	33.5
United States.....	91.8	94.5	96.9	95.7	94.2	32.2	32.6	31.7	32.4	32.0

<sup>1</sup> Measure of quality for all grades; quantity in each grade weighted by 1937-39 average 10-market prices by grades, Middling White  $1\frac{1}{16}$  inch = 100.

<sup>2</sup> Averages calculated on numerical equivalents of the staple-length designations. For example  $\frac{3}{8}$  = 28,  $2\frac{1}{2}$  = 29, etc.

<sup>3</sup> Illinois and Kentucky.

Production and Marketing Administration.

TABLE 99.—*Cotton: Carry-over and ginnings of American Egyptian, by grade and staple length, United States, 1940-50*

Year beginning August—	Grade					Staple length (inches)						All grades and all lengths <sup>3</sup>
	1 and $1\frac{1}{2}$	2 and $2\frac{1}{2}$	3 and $3\frac{1}{2}$	4 and $4\frac{1}{2}$	5 and below	$1\frac{1}{16}$ and short- er	$1\frac{3}{8}$	$1\frac{1}{16}$ <sup>1</sup>	$1\frac{1}{2}$	$1\frac{3}{16}$	$1\frac{1}{2}$ and longer	
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	
1941.....	3.9	6.2	4.5	1.0	0.1	—	—	4.2	9.9	1.6	—	15.7
1942.....	15.7	7.0	1.5	.8	.1	—	0.8	4.3	19.4	.6	—	25.1
1943.....	17.5	8.5	7.9	2.2	.4	0.1	3.8	12.4	17.0	3.2	—	36.5
1944.....	23.5	27.2	12.2	2.6	—	—	5.9	25.2	33.3	1.1	—	65.5
1945.....	8.1	13.3	8.8	1.3	.4	—	4.2	12.9	13.9	.9	—	31.9
1946.....	1.7	2.6	.6	.7	.1	—	.5	2.4	2.8	—	—	5.7
1947.....	2.3	.7	.5	.2	—	—	.2	1.1	2.4	—	—	3.7
1948.....	1.8	.6	—	.1	—	—	.1	.1	2.3	.1	—	2.5
1949.....	1.2	.6	.1	—	—	—	.4	1.4	.1	.1	—	1.9
1950.....	.1	2.3	—	—	.4	—	.1	.3	2.4	—	—	2.8

  

GINNINGS												
1940.....	5.5	13.8	9.5	3.0	0.5	—	—	9.1	18.8	4.4	—	32.3
1941.....	22.5	23.1	10.8	1.3	.2	—	—	13.7	36.5	7.7	—	57.9
1942.....	40.3	18.4	10.7	3.9	.5	0.9	9.8	31.2	28.9	2.0	—	73.3
1943.....	26.3	25.2	7.4	.7	—	.1	2.4	26.0	30.4	.7	—	59.6
1944.....	2.6	2.6	2.4	1.0	—	—	.2	3.0	5.4	—	—	8.5
1945.....	1.7	2.0	.3	.1	—	—	.1	1.3	2.7	—	—	4.1
1946.....	1.3	.8	.3	—	—	—	—	.4	1.9	.1	—	2.4
1947.....	.8	.3	.1	—	—	—	—	.2	.9	.1	—	1.2
1948.....	2.5	.8	.2	—	—	—	—	.3	2.9	.3	—	3.5
1949.....	2.4	1.1	.3	.1	—	—	—	.6	3.2	.2	—	3.9

<sup>1</sup> Includes cotton  $1\frac{1}{16}$  inches and shorter prior to 1942.

<sup>2</sup> Bureau of the Census.

<sup>3</sup> Running bales.

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TABLE 100.—Cotton: Staple length of foreign growths in the carry-over on Aug. 1, United States, 1941-50

Growth and staple length (inches)	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>
Egyptian:										
1 <sup>3</sup> / <sub>32</sub> and shorter										
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>3</sup> / <sub>32</sub>	0.4	0.6			0.3	0.2		0.2		
1 <sup>3</sup> / <sub>16</sub> and 1 <sup>1</sup> / <sub>32</sub>	1.2	2.0	3.0	1.2	2.7	.7			0.4	0.3
1 <sup>1</sup> / <sub>4</sub> to 1 <sup>11</sup> / <sub>32</sub>	19.0	16.6	10.1	21.9	35.2	10.8	3.1	.7	5.5	11.1
1 <sup>3</sup> / <sub>8</sub> to 1 <sup>10</sup> / <sub>32</sub>	19.5	13.0	16.0	27.5	11.0	16.3	34.6	12.1	35.4	34.3
1 <sup>1</sup> / <sub>2</sub> to 1 <sup>9</sup> / <sub>32</sub>	5.3	6.3	8.9	11.3	9.7	12.0	16.8	19.2	.9	11.8
1 <sup>3</sup> / <sub>4</sub> to 1 <sup>2</sup> / <sub>32</sub>								1.4		1.0
1 <sup>1</sup> / <sub>2</sub> and longer						.1				
All lengths <sup>2</sup>	45.4	38.5	38.0	61.9	58.9	40.1	54.5	33.6	42.2	58.5
Peruvian:										
3 <sup>1</sup> / <sub>32</sub> and shorter								.1		
1 and 1 <sup>1</sup> / <sub>32</sub>				.1			.2		.1	
1 <sup>1</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>	.1									
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>1</sup> / <sub>32</sub>	.2	.1				.4	.9			
1 <sup>3</sup> / <sub>16</sub> and 1 <sup>1</sup> / <sub>32</sub>	.7	.1	.1	.2	.2	.4	.6	.1		
1 <sup>1</sup> / <sub>4</sub> and longer	.2	2.6	1.2	2.1	3.4	5.6	12.8	7.2	.9	3.2
All lengths <sup>2</sup>	1.2	2.8	1.3	2.4	3.6	6.4	14.5	7.4	1.0	3.2
Chinese: 1 <sup>3</sup> / <sub>16</sub> and shorter.	3.7	2.5	1.0	.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All lengths <sup>2</sup>	3.7	2.5	1.0	.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Indian:										
1 <sup>13</sup> / <sub>16</sub> and shorter	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4	23.7	33.0
7 <sup>7</sup> / <sub>8</sub> and 2 <sup>9</sup> / <sub>32</sub>										
1 <sup>13</sup> / <sub>16</sub> and 3 <sup>1</sup> / <sub>32</sub>										
1 and longer										
All lengths <sup>2</sup>	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4	23.7	33.0
Other foreign:										
1 <sup>13</sup> / <sub>16</sub> and shorter	.4		.1		.8	.5	.2	.5	.5	.1
7 <sup>7</sup> / <sub>8</sub> and 2 <sup>9</sup> / <sub>32</sub>	.2		.1			.2				
1 <sup>13</sup> / <sub>16</sub> and 3 <sup>1</sup> / <sub>32</sub>	1.3	.9	.6			1.6	.4			
1 and 1 <sup>1</sup> / <sub>32</sub>	17.1	.8	.5	9.6	10.4	2.2	1.0	.1		1.8
1 <sup>1</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>	9.6		.2	2.6		.1	.1			1.0
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>1</sup> / <sub>32</sub>										
1 <sup>3</sup> / <sub>16</sub> and 1 <sup>1</sup> / <sub>32</sub>										
1 <sup>1</sup> / <sub>4</sub> and longer	2.5	.2	.7	1.7	4.7	2.0	.9	1.7	1.5	.6
All lengths <sup>2</sup>	31.1	1.9	2.2	13.9	15.9	6.6	2.6	2.3	2.0	3.5

<sup>1</sup> Equivalent 500-pound bales.<sup>2</sup> Bureau of the Census.<sup>3</sup> Included in "Other foreign."

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TABLE 101.—Cotton: Average cost per 500-pound gross weight bale to farmers for ginning cotton (including bagging and ties), by States, 1940-49<sup>1</sup>

Kind of cotton and State	Crop year beginning Aug. 1—									
	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
UPLAND	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Missouri.....	6.28	6.56	7.12	8.02	7.57	9.73	12.19	12.11	13.24	13.79
Virginia.....	4.14	4.82	4.97	5.38	5.01	5.08	5.35	6.72	8.00	7.57
North Carolina.....	3.38	4.15	4.66	5.03	5.09	5.00	6.28	7.39	8.36	8.31
South Carolina.....	3.02	3.67	4.46	4.58	4.72	4.05	6.13	7.00	7.75	8.01
Georgia.....	3.43	4.21	4.69	4.97	5.05	5.04	6.23	6.87	7.58	7.74
Florida.....	3.91	4.68	4.91	5.38	.....	5.68	7.18	7.13	8.31	7.59
Tennessee.....	4.79	5.21	5.52	5.77	6.07	6.17	7.75	7.77	8.40	8.48
Alabama.....	3.34	4.03	4.71	4.97	5.02	5.15	6.74	7.08	7.35	7.22
Mississippi.....	5.11	5.66	5.70	6.13	6.16	5.90	7.52	8.09	9.02	9.55
Arkansas.....	5.63	6.12	6.26	6.50	6.66	7.35	8.94	9.50	10.23	10.48
Louisiana.....	4.58	5.22	5.58	5.65	5.81	6.07	7.58	8.26	9.04	9.08
Oklahoma.....	5.65	6.55	6.87	8.39	8.73	9.13	11.13	11.68	12.32	12.76
Texas.....	5.49	6.89	7.20	7.24	7.95	7.83	9.34	10.65	11.54	12.02
New Mexico.....	5.35	6.00	6.50	7.52	6.97	7.43	7.97	9.21	10.77	11.70
Arizona.....	5.20	6.08	6.42	6.49	6.62	6.80	8.15	8.80	9.11	9.10
California.....	4.13	5.04	5.41	5.49	5.99	6.91	8.08	7.88	9.40	9.54
All upland cotton.....	4.76	5.71	5.95	6.18	6.44	6.40	8.09	8.97	9.65	10.47
American Egyptian.....	10.64	12.64	12.57	12.88	13.27	14.87	14.48	15.47	17.90	18.20
Average <sup>2</sup> .....	4.78	5.75	5.99	6.22	6.44	6.40	8.09	8.97	9.65	10.47

<sup>1</sup> Data for crop years 1940 to 1947, inclusive, do not include added charges made in some instances for drying and conditioning seed cotton. Data for 1948 include added charges for drying and conditioning seed cotton, the practice of assessing such added charges being confined chiefly to California. Data for all years exclude added charges made for sterilizing cottonseed in connection with pink bollworm control measures.

<sup>2</sup> In addition to upland and American Egyptian cotton, small quantities of Sea Island cotton are produced. The production is too small, however, to affect the United States average ginning rate.

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TABLE 102.—Cotton: Average spot price per pound in specified foreign countries, 1942-49<sup>1</sup>

Market and description	Year beginning Aug. 1—							
	1942	1943	1944	1945	1946	1947	1948	1949
Liverpool, England	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
American Middling, $\frac{7}{8}$ inch <sup>2</sup> .....	13.87	15.21	20.59	20.59	29.55	37.28	37.38	<sup>3</sup> 35.18
American Middling, $\frac{15}{16}$ inch.....	14.21	15.55	20.93	20.93	30.15	37.94	38.05	36.59
Egyptian, Fully Good Fair:								
Sakel—Karnak <sup>4</sup> .....	20.09	21.44	26.82	26.82	35.06	58.92	72.58	51.62
Giza 7.....	18.58	19.92	25.30	25.30	34.13	55.21	<sup>5</sup> 63.75	<sup>6</sup> (6)
Ashmouni.....	17.06	18.41	23.79	23.79	34.72	50.72	<sup>5</sup> 63.17	<sup>7</sup> 48.09
Brazilian, Sao Paulo, Type 5.....	14.04	15.38	20.76	20.55	29.21	35.66	36.46	36.20
Peruvian, Good, Tanguis.....	16.64	17.99	23.37	23.37	30.24	41.68	51.10	46.50
Indian, Superfine, Central Provinces.....	11.60	12.95	18.33	18.33	24.40	29.19	30.03	31.38
Sao Paulo, Brazil: Type 5.....	11.08	13.15	14.10	17.93	25.88	28.44	<sup>8</sup> 32.98	<sup>8</sup> 32.08
Bombay, India: Oomra, Fine <sup>9</sup> .....	( <sup>6</sup> )	( <sup>6</sup> )	16.50	16.43	16.94	21.47	<sup>9</sup> 23.45	<sup>8</sup> 17.67
Alexandria, Egypt: Ashmouni, F. G. F.....	16.70	20.04	28.32	27.67	33.12	48.03	<sup>10</sup> 40.00	<sup>10</sup> 40.82
Lima, Peru: Tanguis, Type 5.....	13.74	16.63	15.51	18.22	24.93	28.41	<sup>11</sup> 30.96	<sup>12</sup> 28.61
Buenos Aires, Argentina: Type B.....	13.83	13.72	15.28	20.43	30.14	37.53	<sup>13</sup> 46.62	<sup>8</sup> 41.37
Torrecon, Mexico: Middling, $\frac{15}{16}$ inch.....	17.40	19.60	18.17	19.41	28.34	30.08	<sup>13</sup> 25.36	<sup>8</sup> 25.11

<sup>1</sup> All prices are monthly averages except as noted.

<sup>2</sup> For the period 1942-45 prices are for "Fair Staple," a term commonly used in connection with American cotton and which applies to cotton having an average staple length of approximately 7/8 inches. <sup>3</sup> Average for 5 months. <sup>4</sup> Prices of Karnak since November 1946. <sup>5</sup> Average for 8 months. <sup>6</sup> No quotations. <sup>7</sup> Average for 7 months. <sup>8</sup> Average of 52 weekly quotations. <sup>9</sup> Jarila, Fine, since December 1944. <sup>10</sup> Average for 40 weekly quotations. <sup>11</sup> Average of 26 quotations at irregular intervals. <sup>12</sup> Average for 15 weekly quotations. <sup>13</sup> Quotations not available for 11 weeks beginning July 29, 1948.

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TABLE 103.—Cotton, American upland: Spot price per pound of Middling  $1\frac{5}{16}$ -inch in 10 designated markets, 1940-49

Year beginning August—	Charles-ton <sup>1</sup>	Au-gusta	Savan-nah	Mont-gomery	New Orleans	Mem-phiss	Little Rock	Dallas	Hous-ton	Galves-ton	Average of 10 markets <sup>2</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1940.....	11.19	11.47	11.23	11.02	11.06	10.86	10.79	10.65	10.86	10.86	11.00
1941.....	18.54	18.81	18.56	18.34	18.17	18.31	18.23	18.10	18.04	18.04	18.91
1942.....	20.37	20.60	20.41	20.25	19.96	20.06	20.04	19.96	19.88	19.85	20.14
1943.....	21.00	21.21	20.97	20.74	20.44	20.46	20.50	20.38	20.42	20.41	20.65
1944.....	22.18	22.27	22.10	21.84	21.69	21.79	21.78	21.58	21.67	21.68	21.86
1945.....	26.19	26.29	26.15	25.83	25.82	25.90	25.89	25.85	25.81	25.83	25.96
1946.....	34.98	35.18	35.02	34.74	34.65	34.90	34.79	34.65	34.61	34.63	34.82
1947.....	34.82	35.25	34.76	34.54	34.41	34.47	34.42	34.31	34.39	34.40	34.58
1948.....	32.36	32.82	32.43	32.17	31.94	32.11	32.05	31.80	31.92	31.90	32.15
1949.....	32.17	32.69	32.38	31.95	31.60	31.76	31.61	31.24	31.44	31.45	31.83

<sup>1</sup> Prior to Aug. 6, 1941, prices are those at Norfolk, Va.<sup>2</sup> Average of monthly averages of 10 markets.

Production and Marketing Administration. Compiled from the daily reports from the cotton exchanges of the various markets.

TABLE 104.—Cotton, American upland: High, low, and season average spot price per pound for Middling  $\frac{7}{8}$ -inch and  $1\frac{5}{16}$ -inch in the 10 designated markets, 1940-49

Season beginning August—	Middling $\frac{7}{8}$ -inch			Middling $1\frac{5}{16}$ -inch			Season beginning August—	Middling $\frac{7}{8}$ -inch			Middling $1\frac{5}{16}$ -inch		
	Average	High	Low	Average	High	Low		Average	High	Low	Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1940.....	10.79	16.70	9.06	11.00	16.92	9.27	1945.....	24.39	34.09	20.65	25.96	35.72	22.07
1941.....	17.94	20.00	15.18	18.31	20.47	15.39	1946.....	33.33	37.79	26.44	34.82	39.35	27.95
1942.....	19.22	20.51	17.56	20.14	21.43	18.23	1947.....	32.36	36.20	28.75	34.58	38.65	30.55
1943.....	19.56	20.96	18.08	20.65	22.11	19.16	1948.....	30.04	31.39	27.97	32.15	33.37	30.69
1944.....	20.60	21.40	19.93	21.86	22.82	21.08	1949.....	30.30	37.58	27.93	31.83	39.05	29.48

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TABLE 105.—Cotton, American upland: Premiums and discounts for respective grades and spot prices per pound for Middling  $1\frac{5}{16}$ -inch in the 10 designated markets, 1940-49

Year beginning August—	Premiums				Price, Middling $1\frac{5}{16}$ inch	Discounts			
	Middling Fair	Strict Good Middling	Good Middling	Strict Middling		Strict Low Middling	Low Middling	Strict Good Ordinary	Good Ordinary
	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Cents</i>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>
1940.....	57	51	45	32	11.00	52	124	185	234
1941.....	58	52	45	34	18.31	86	231	360	439
1942.....	59	52	44	33	20.14	145	382	528	623
1943.....	52	46	39	28	20.65	128	367	494	597
1944.....	50	45	38	27	21.86	129	372	521	622
1945.....	56	54	48	35	25.96	147	489	755	877
1946.....	61	60	56	40	34.82	126	506	938	1,118
1947.....	53	53	51	36	34.58	115	521	993	1,214
1948.....	51	51	49	37	32.15	180	613	997	1,222
1949.....	78	78	78	67	31.83	281	556	804	1,001

<sup>1</sup> Hundredths of a cent per pound.

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TABLE 106.—*Cotton, American upland: Discounts and premiums for respective staple lengths and spot prices per pound for Middling  $\frac{1}{8}$ -inch, 1940-49<sup>1</sup>*

Year beginning August—	Discounts		Price, Middling $\frac{1}{8}$ -inch	Premiums				
	$\frac{1}{16}$ inch	$\frac{1}{8}$ inch		1 inch	$1\frac{1}{16}$ inches	$1\frac{1}{8}$ inches	$1\frac{3}{16}$ inches	$1\frac{1}{4}$ inches
	Points <sup>2</sup>	Points <sup>2</sup>	Cents	Points <sup>2</sup>	Points <sup>2</sup>	Points <sup>2</sup>	Points <sup>2</sup>	Points <sup>2</sup>
1940.....	81	21	11.00	20	46	167	451	644
1941.....	96	37	18.31	22	76	296	607	843
1942.....	156	92	20.14	27	114	373	763	1,034
1943.....	185	109	20.65	29	117	452	782	1,021
1944.....	264	126	21.86	28	118	457	813	1,038
1945.....	313	157	25.96	28	100	256	749	1,061
1946.....	298	149	34.82	25	63	124	490	629
1947.....	341	220	34.58	86	173	393	945	1,315
1948.....	323	211	32.15	56	112	294	1,052	1,976
1949.....	221	153	31.83	82	139	321	1,040	1,891

<sup>1</sup> Prices for Middling  $\frac{1}{8}$ -inch, discounts for  $\frac{1}{8}$ -inch and premiums for 1 inch and  $1\frac{1}{16}$  inches are averages of the 10 designated markets; premiums for  $1\frac{1}{8}$  inches and longer are averages for Memphis. Prior to 1947 discounts for  $\frac{1}{8}$ -inch are averages of 10 markets; a 4-market average for 1947; and 3 markets for 1948 and 1949.

<sup>2</sup> Hundredths of a cent per pound.

Production and Marketing Administration.

TABLE 107.—*Cotton futures: Volume of trading and annual average of month-end open contracts, by contract markets, 1940-49*

Year beginning August—	Volume of trading				Average of month-end open contracts			
	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total
	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>
1940.....	30,710	9,156	7	39,873	1,246	262	(3)	1,509
1941.....	41,052	21,187	14	62,253	1,537	522	1	2,060
1942.....	28,057	12,201	18	40,276	1,302	415	1	1,718
1943.....	29,084	12,417	98	41,599	1,282	397	2	1,681
1944.....	26,133	9,896	30	36,059	1,228	401	1	1,630
1945.....	43,011	22,256	3,830	69,097	1,924	842	29	2,795
1946.....	64,079	38,589	4,578	107,246	2,114	844	35	2,993
1947.....	60,812	42,763	2,718	106,293	1,886	771	28	2,685
1948.....	40,871	19,956	1,763	62,590	1,721	634	34	2,389
1949.....	40,309	15,664	436	56,409	1,862	557	21	2,440

<sup>1</sup> 500-pound gross-weight bales.

<sup>2</sup> Less than 500 bales.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.



TABLE 108.—*Cotton futures: Highest and lowest prices per pound, by date and future, New York Cotton Exchange, 1940-49*

Year beginning August—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	<i>Cents</i>			<i>Cents</i>		
1940.....	17.78	July 28	1942 March.....	8.57	Aug. 7	1941 July.....
1941.....	20.25	Apr. 6	1943 March.....	15.57	Oct. 16	1941 December.....
1942.....	20.80	May 14	1943 May.....	17.64	Aug. 10	1942 October.....
1943.....	22.75	July 13	1944 July (new).....	18.12	Nov. 29	1944 October.....
1944.....	23.17	July 16	1945 December.....	20.04	Sept. 7	1945 July.....
1945.....	36.70	July 19	1946 December.....	20.63	Aug. 20	1946 October.....
1946.....	39.59	July 14	1947 July.....	22.50	Nov. 7	1948 March.....
1947.....	38.92	Apr. 22	1948 May.....	27.23	Aug. 19	1948 December.....
1948.....	33.88	May 11	1949 May.....	24.89	June 7	1950 October.....
1949.....	39.20	July 28	1950 October.....	26.53	Aug. 1	1950 December.....

Commodity Exchange Authority. Compiled from records of the New York Cotton Exchange. Data for 1929-39, in Agricultural Statistics, 1944, table 105. Highest and lowest prices during the period, Aug. 1, 1909, through July 31, 1950: High, 43.75 cents, July future, July 22 and 23, 1920; low, 4.91 cents, July future, June 10, 1932.

TABLE 109.—*Farm-to-retail price spreads and marketing charges for cotton products, 1929-49<sup>1</sup>*

Year	Retail value <sup>2</sup>	Farm value <sup>3</sup>	Margin	Farmer's share of consumer's dollar	Year	Retail value <sup>2</sup>	Farm value <sup>3</sup>	Margin	Farmer's share of consumer's dollar
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>
1929.....	29.65	3.74	25.91	12.6	1940.....	23.10	2.07	21.03	9.0
1930.....	28.08	2.51	25.57	8.9	1941.....	25.51	3.01	22.50	11.8
1931.....	24.96	1.48	23.48	5.9	1942.....	32.51	4.13	28.38	12.7
1932.....	22.52	1.10	21.42	4.9	1943.....	34.32	4.40	29.92	12.8
1933.....	24.10	1.98	22.12	8.2	1944.....	37.01	4.55	32.46	12.3
1934.....	25.90	2.54	23.36	9.8	1945.....	40.44	4.88	35.56	12.1
1935.....	24.24	2.41	21.83	9.9	1946.....	49.78	6.26	43.52	12.6
1936.....	23.82	2.61	21.21	11.0	1947.....	59.34	7.09	52.25	11.9
1937.....	24.96	2.40	22.56	9.6	1948.....	59.49	6.99	52.50	11.7
1938.....	23.30	1.82	21.48	7.8	1949.....	52.94	6.26	46.68	11.8
1939.....	22.96	1.90	21.06	8.3					
1935-39 average.....	23.86	2.23	21.63	9.3					

<sup>1</sup> Simple average of semi-annual and quarterly data. Quantities are annual per-family purchases of 42 cotton articles.

<sup>2</sup> Computed from prices collected by the Bureau of Labor Statistics, weighted by average number of articles (clothing, furnishings, and yard goods) purchased annually (from 1934-36 survey) by families of wage earners and clerical workers. Estimates for 1943-49 based on indexes of retail prices of specified items of cotton clothing and housefurnishings, prepared by the Bureau of Labor Statistics.

<sup>3</sup> Estimated prices received by farmers for cotton of grade and staple lengths used in the manufacture of the various articles, weighted by quantities of cotton required in their manufacture.

<sup>4</sup> Includes the processing tax paid by manufacturers, which was in effect from August 1933 to January 1936. The tax on the quantity of cotton represented in these products amounted to 37 cents in 1933 and 89 cents in 1934 and 1935. The amount of the tax returned to farmers increased the farm values to \$2.35 in 1933, \$3.43 in 1934, and \$3.30 in 1935. Farmer's shares including tax payments are 9.8, 13.2, and 13.6 cents respectively in these years.

Bureau of Agricultural Economics. Data for 1927 and 1928 in Agricultural Statistics, 1949, table 109.

TABLE 110.—*Cotton linters: Supply, distribution, and season average price, United States, 1940-50*

Year beginning August—	Supply				Distribution			Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	De-destroyed	Grade 2	Grade 4	Grade 6
	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	Cents	Cents	Cents
1940.....	706	1,208	252	2,166	1,359	21	1	5.23	4.19	3.13
1941.....	787	1,184	194	2,165	1,488	33	4	9.83	7.17	3.50
1942.....	637	1,355	79	2,071	1,301	28	2	9.74	7.07	3.50
1943.....	739	1,186	74	1,990	1,365	61	3	7.18	4.83	3.02
1944.....	567	1,251	199	2,017	1,481	41	1	7.17	5.01	3.21
1945.....	379	993	215	1,587	1,055	22	1	7.25	5.12	3.78
1946.....	422	995	92	1,509	984	53	( <sup>3</sup> )	11.71	9.30	8.22
1947.....	357	1,288	127	1,772	1,156	235	( <sup>3</sup> )	9.71	7.24	5.73
1948.....	370	1,646	114	2,130	1,406	193	1	7.89	4.65	2.85
1949 <sup>4</sup> .....	495	1,705	202	2,402	1,613	189	1	10.49	6.76	3.61
1950 <sup>4</sup> .....	459									

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.<sup>2</sup> Bales are running bales except imports, which are 500-pound bales. <sup>3</sup> 200 bales. <sup>4</sup> Preliminary.

Production and Marketing Administration. Supply and distribution figures compiled from reports of the Bureau of the Census and Bureau of Foreign and Domestic Commerce.

TABLE 111.—*Cotton, wool, rayon, and silk: Consumption, total and per capita, United States, 1940-49*

Year	Total				Per capita			
	Cotton	Wool <sup>1</sup>	Rayon <sup>2</sup>	Silk <sup>3</sup>	Cotton	Wool <sup>1</sup>	Rayon <sup>2</sup>	Silk <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Pounds
1940.....	3,958.7	407.9	482.0	47.6	29.8	3.07	3.63	.36
1941.....	5,191.5	647.9	591.8	25.6	38.7	4.83	4.41	.19
1942.....	5,633.1	615.4	620.6	.2	41.6	4.84	4.58	( <sup>4</sup> )
1943.....	5,270.6	624.1	656.1	( <sup>5</sup> )	38.4	4.54	4.78	( <sup>4</sup> )
1944.....	4,790.4	622.4	704.7	( <sup>5</sup> )	34.5	4.48	5.07	( <sup>4</sup> )
1945.....	4,515.8	645.1	769.9	1.0	32.2	4.59	5.48	.01
1946.....	4,809.1	737.5	875.5	13.5	33.8	5.19	6.16	.10
1947.....	4,667.0	698.2	987.9	3.2	32.2	4.82	6.82	.02
1948.....	4,463.5	693.1	1,149.5	7.4	30.3	4.70	7.80	.05
1949 <sup>6</sup> .....	3,480.2	505.0	991.4	4.0	25.6	3.37	6.60	.03

<sup>1</sup> Apparel and carpet wool, reduced to scoured basis.<sup>2</sup> From Rayon Organon. Includes filament yarn and staple fiber. <sup>3</sup> Imports for consumption.<sup>4</sup> Less than 0.005 pound. <sup>5</sup> Less than 50,000 pounds. <sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Calendar-year data divided by July 1 population to get per capita figures.

TABLE 112.—*Fiber flax: Acreage, yield, production, season average price per ton received by farmers, and value, Oregon, 1938-49*

Year	Acreage harvested	Yield per acre	Production of straw	Price	Farm value	Year	Acreage harvested	Yield per acre	Production of straw	Price	Farm value
	Acres	Tons	Tons	Dollars	1,000 dollars		Acres	Tons	Tons	Dollars	1,000 dollars
1938.....	3,880	0.68	2,622	20.00	52	1944.....	8,500	1.65	14,000	41.50	581
1939.....	3,900	1.44	5,600	35.70	200	1945.....	8,000	1.50	12,000	46.00	552
1940.....	7,300	1.18	8,600	55.50	477	1946.....	7,600	1.90	14,400	46.50	670
1941.....	11,000	2.17	23,900	65.00	1,554	1947.....	4,900	1.90	9,200	40.50	373
1942.....	18,000	2.05	36,900	52.50	1,937	1948.....	2,000	1.70	3,400	37.00	126
1943.....	12,000	1.67	20,000	47.50	950	1949 <sup>1</sup> .....	2,300	1.80	4,140		

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 113.—*Hemp fiber and hempseed: Acreage, yield, and production, United States, 1931-49*

Year	Hemp fiber <sup>1</sup>			Hempseed <sup>2</sup>			Year	Hemp fiber <sup>1</sup>			Hempseed <sup>2</sup>		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>Acres</i>	<i>Lb.</i>	<i>1,000 lb.</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>Acres</i>	<i>Lb.</i>	<i>1,000 lb.</i>
1931.....	320	850	272	-----	-----	-----	1941.....	7,400	1,001	7,410	2,200	310	682
1932.....	200	800	160	-----	-----	-----	1942.....	14,500	960	13,922	29,300	364	10,660
1933.....	140	750	105	-----	-----	-----	1943.....	146,200	962	140,680	40,500	346	14,015
1934.....	500	850	425	-----	-----	-----	1944.....	53,400	967	61,632	1,200	440	528
1935.....	700	875	612	-----	-----	-----	1945.....	6,900	980	6,762	800	350	280
1936.....	1,400	725	1,015	-----	-----	-----	1946.....	4,600	975	4,485	400	530	212
1937.....	1,300	800	1,040	-----	-----	-----	1947.....	4,900	950	4,655	600	485	291
1938.....	1,390	896	1,246	40	540	22	1948.....	2,800	905	2,534	400	440	176
1939.....	1,440	890	1,282	210	330	69	1949 <sup>3</sup> .....	4,500	1,100	4,950	200	440	88
1940.....	2,070	804	1,665	510	725	370							

<sup>1</sup> Wisconsin only, 1931-37 and 1945-49; Kentucky also, 1938-44; Illinois and Minnesota, 1942-44; Iowa, 1943 and 1944; Indiana, 1943.

<sup>2</sup> Kentucky only, except Tennessee also in 1942 and 1943.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 114.—*Rayon and raw silk: Imports and prices; and rayon production and consumption, United States, 1940-49*

Year	Rayon <sup>1</sup>					Raw Silk	
	Production	Net imports <sup>2</sup>	Consumption <sup>3</sup>	Price per pound <sup>4</sup>		Imports for consumption	Price per pound <sup>5</sup>
				Filament yarn <sup>6</sup>	Staple fiber <sup>6</sup>		
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>Dollars</i>
1940.....	471,170	15,438	482,045	53	25	47,600	2,786
1941.....	573,230	6,855	591,837	53.6	25	25,651	( <sup>7</sup> )
1942.....	632,615	<sup>8</sup> 6,649	620,810	55	25	207	( <sup>7</sup> )
1943.....	663,145	<sup>9</sup> 14,039	<sup>10</sup> 656,072	55	24	11	( <sup>7</sup> )
1944.....	723,955	<sup>9</sup> 21,776	<sup>10</sup> 704,800	55	25	33	( <sup>7</sup> )
1945.....	792,035	<sup>9</sup> 27,053	769,945	55	25	954	( <sup>7</sup> )
1946.....	853,915	<sup>9</sup> 20,546	875,493	55.9	25	13,518	6.27
1947.....	975,145	<sup>9</sup> 2,816	987,900	66.9	31.9	3,182	4.45
1948.....	1,124,300	19,804	1,149,418	75.2	36.4	7,361	2.60
1949 <sup>11</sup> .....	993,800	-----	991,442	73	36	3,986	2.61

<sup>1</sup> Includes filament yarn and staple fiber.

<sup>2</sup> Imports for consumption minus domestic exports.

<sup>3</sup> Domestic shipments plus imports.

<sup>4</sup> Wholesale prices f.o.b., producers' plants.

<sup>5</sup> Viscose, 150 denier, first quality.

<sup>6</sup> Viscose 1½ denier.

<sup>7</sup> Japanese silk, 78 percent 13-15.

<sup>8</sup> OPA ceiling price of \$3.08 per pound effective August 1941; no sales of this grade reported from May 1942 until July 1946.

<sup>9</sup> Net exports.

<sup>10</sup> Domestic shipments only.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Imports from reports of the Bureau of the Census. Prices from bulletins of the Bureau of Labor Statistics. Production and consumption of rayon from the Rayon Organon.

TABLE 115.—*Rayon: Production in selected countries and total, 1940-49*

RAYON YARN										
Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1940.....	390.1	216.1	168.0	110.4	119.1	42.2	20.0	19.0	101.4	1,186.3
1941.....	451.2	168.1	199.0	78.9	127.9	70.5	35.5	12.0	118.7	1,261.8
1942.....	479.3	95.4	194.0	72.8	124.6	68.9	34.8	1.0	125.5	1,196.3
1943.....	501.1	50.4	212.0	70.3	100.5	58.2	29.8	1.0	127.9	1,151.2
1944.....	555.2	22.8	160.0	76.3	39.9	29.3	19.3	4.0	127.6	1,034.4
1945.....	623.7	5.6	40.0	84.6	3.4	30.5	3.4	7.0	102.7	900.9
1946.....	677.5	9.0	18.3	107.3	65.0	67.6	17.2	12.0	136.1	1,110.0
1947.....	746.7	16.3	33.4	117.8	115.4	81.7	28.2	9.0	159.7	1,308.2
1948.....	856.2	35.7	74.0	146.6	105.1	95.6	35.3	23.0	179.4	1,550.9
1949 <sup>1</sup> .....	799.3	66.7	110.0	166.6	110.1	102.4	42.5	30.0	213.6	1,641.2

  

RAYON STAPLE FIBER										
Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1940.....	81.1	285.8	512.0	55.8	250.2	16.5	-----	14.0	69.3	1,284.7
1941.....	122.0	296.6	625.0	55.4	291.7	38.2	-----	8.0	113.2	1,550.1
1942.....	153.3	174.5	689.0	46.0	192.7	50.3	-----	1.0	145.3	1,452.1
1943.....	162.0	121.7	672.0	49.7	125.3	64.5	3.9	1.0	190.6	1,390.7
1944.....	168.7	83.3	500.0	51.9	27.3	29.2	8.2	1.0	181.0	1,050.6
1945.....	168.4	21.9	150.0	50.6	4.0	18.8	-----	3.0	85.2	501.9
1946.....	176.4	20.6	89.3	68.1	29.5	34.2	3.3	7.0	148.2	576.6
1947.....	228.4	19.3	73.0	81.1	47.7	42.6	17.3	6.0	164.9	680.3
1948.....	268.2	35.3	163.0	82.1	39.4	66.6	21.2	19.0	204.8	899.6
1949 <sup>1</sup> .....	194.5	59.6	265.0	113.6	79.9	56.7	22.5	25.0	246.6	1,063.4

  

TOTAL RAYON YARN AND STAPLE FIBER										
Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1940.....	471.2	501.9	680.0	166.2	369.3	58.7	20.0	33.0	170.7	2,471.0
1941.....	573.2	464.7	824.0	134.3	419.5	108.8	35.5	20.0	231.9	2,811.9
1942.....	632.6	269.9	883.0	118.8	317.3	119.2	34.8	2.0	270.7	2,648.3
1943.....	663.1	172.2	884.0	120.0	225.7	122.8	33.7	2.0	318.4	2,541.9
1944.....	724.0	106.1	660.0	128.2	67.2	58.5	27.5	5.0	308.6	2,085.1
1945.....	792.0	27.5	190.0	135.2	7.4	49.4	3.4	10.0	187.9	1,402.8
1946.....	853.9	29.7	107.6	175.4	94.5	101.8	20.5	19.0	284.2	1,686.6
1947.....	975.1	35.6	106.4	198.9	163.1	124.3	45.5	15.0	324.6	1,988.5
1948.....	1,124.3	71.0	237.0	228.7	144.5	162.2	56.5	42.0	384.3	2,450.5
1949 <sup>1</sup> .....	993.8	126.3	375.0	280.2	190.0	159.1	65.0	55.0	460.2	2,704.6

<sup>1</sup> Preliminary.

Production and Marketing Administration. Compiled from the Rayon Organon of the Textile Economics Bureau, Inc. Rayon is defined as "a man-made textile with a cellulose base." Production of Nylon, Vinyon, casein fibers, and other synthetic fibers, which are made basically from substances other than cellulose, not included.

TABLE 116.—*Sugar beets: Acreage, yield, production, season average price per ton received by farmers, and value; production of beet sugar and pulp, United States, 1929-49*

Year of harvest	Sugar beets						Beet sugar and pulp			
	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price <sup>1</sup>	Farm value	Sugar, refined basis	Molasses pulp	Dried pulp	Moist pulp
	1,000 acres	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 dollars	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1929.....	772	688	10.6	7,315	7.08	51,804	1,018	111	48	.....
1930.....	821	776	11.9	9,199	7.14	65,698	1,208	150	60	1,458
1931.....	760	713	11.1	7,903	5.94	46,948	1,156	99	75	1,112
1932.....	812	764	11.9	9,070	5.26	47,705	1,357	116	134	1,340
1933.....	1,036	983	11.2	11,030	5.13	56,599	1,642	141	134	1,715
1934.....	945	770	9.8	7,519	5.16	38,776	1,160	130	92	1,198
1935.....	809	763	10.4	7,908	5.70	45,565	1,185	125	74	1,454
1936.....	855	776	11.6	9,028	6.05	54,036	1,304	157	73	1,543
1937.....	813	753	11.6	8,759	5.26	46,101	1,283	166	51	1,600
1938.....	985	925	12.4	11,497	4.65	53,478	1,676	219	105	1,858
1939.....	993	918	11.7	10,781	4.76	51,342	1,644	175	98	1,711
1940.....	971	912	13.4	12,194	5.13	62,540	1,756	189	114	1,625
1941.....	796	755	13.7	10,342	6.47	66,928	1,491	181	101	1,556
1942.....	1,048	954	12.2	11,685	6.87	80,279	1,619	151	138	1,688
1943.....	619	550	11.9	6,547	8.87	58,089	935	84	77	1,063
1944.....	633	555	12.1	6,715	10.60	71,354	979	77	101	1,008
1945.....	776	713	12.1	8,626	10.20	87,636	1,183	115	101	1,173
1946.....	904	802	13.2	10,562	11.20	117,835	1,423	165	130	1,434
1947.....	968	881	14.2	12,503	11.90	148,377	1,715	217	91	1,847
1948.....	799	694	13.6	9,424	10.60	99,935	1,280	207	76	1,316
1949 <sup>2</sup> .....	769	687	14.8	10,197	10.70	109,108	1,462	171	118	1,282

<sup>1</sup> Prices do not include Government payments under the Sugar Act. Price support payments for 1943-46 are included. (See table 121.)

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1942, table 170.

TABLE 117.—*Sugar beets: Acreage, production, and season average price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948 <sup>2</sup>	1949 <sup>1,2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars
Ohio.....	36	14	31	32	13	24	290	161	252	9.36	12.30	.....
Michigan.....	102	63	96	91	52	77	788	458	743	9.35	13.50	.....
Nebraska.....	70	50	40	64	42	38	301	496	559	7.48	9.20	.....
Montana.....	77	66	65	73	55	59	867	672	697	8.18	10.30	.....
Idaho.....	74	92	67	67	80	60	1,026	1,233	1,067	7.91	10.30	.....
Wyoming.....	42	34	30	39	27	28	467	310	406	7.87	9.60	.....
Colorado.....	158	123	126	146	103	117	1,912	1,372	1,878	7.71	9.80	.....
Utah.....	44	40	29	42	35	28	577	427	466	7.69	10.30	.....
California <sup>3</sup> .....	141	187	150	130	172	134	2,068	2,819	2,519	8.37	11.00	.....
Other States.....	124	130	135	114	115	122	1,349	1,476	1,610	7.79	10.70	.....
United States	860	799	769	796	694	687	10,145	9,424	10,197	8.06	10.60	10.70

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include Government payments under the Sugar Act of approximately \$2.40 per ton in 1948 and \$2.48 in 1949.

<sup>3</sup> Relates to year of harvest (including acreage planted in preceding fall).

Bureau of Agricultural Economics.

TABLE 118.—*Sugar-beet seed: Acreage, production, value, and foreign trade, United States, 1932-49*

Year	Acreage harvested	Yield per acre	Pro-duction	Average price per pound received by farmers	Farm value	Foreign trade	
						Im-ports <sup>1</sup>	Ex-ports <sup>2</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
1932.....	412	1,337	5,508	7.51	41	209,132	-----
1933.....	949	1,448	14,119	8.04	114	202,766	-----
1934.....	1,601	1,765	28,256	8.02	227	157,560	-----
1935.....	2,322	1,671	35,808	8.19	318	113,488	-----
1936.....	5,978	1,360	81,307	8.05	655	109,601	-----
1937.....	7,064	1,712	120,965	8.65	1,046	130,167	-----
1938.....	8,376	1,631	135,619	8.66	1,183	46,585	-----
1939.....	7,754	1,787	138,534	8.52	1,180	82,432	-----
1940.....	6,568	1,127	74,013	8.43	624	7,814	-----
1941.....	10,235	1,767	180,852	9.23	1,669	-----	1,267
1942.....	9,467	1,704	161,304	9.84	1,587	-----	4,280
1943.....	9,926	1,574	156,253	11.73	1,833	-----	2,014
1944.....	6,254	2,009	125,665	13.01	1,655	-----	1,692
1945.....	4,849	2,170	105,446	13.14	1,386	-----	34,236
1946.....	5,740	2,862	164,286	13.11	2,154	-----	90,702
1947.....	6,420	2,632	168,990	13.18	2,227	800	104,775
1948.....	7,838	2,870	224,948	14.17	3,188	-----	62,824
1949.....	5,758	3,442	198,165	14.56	2,885	39	28,087

<sup>1</sup> Published report: F. T. 110, Foreign Commerce and Navigation of the United States, Department of Commerce.

<sup>2</sup> Data supplied by Foreign Trade Division, Census Bureau, Department of Commerce.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Data on domestic production compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 119.—*Sugar-beet seed: Acreage, yield per acre, and production, by States, average 1937-46, annual 1947-49<sup>1</sup>*

State	Acreage harvested				Yield per acre				Production			
	Average 1937-46	1947	1948	1949	Average 1937-46	1947	1948	1949	Average 1937-46	1947	1948	1949
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>100-lb. bags</i>	<i>100-lb. bags</i>	<i>100-lb. bags</i>	<i>100-lb. bags</i>
New Mexico.....	1,118	544	532	231	1,356	1,301	1,277	1,878	15,158	7,076	6,795	4,338
Utah.....	573	480	587	433	2,078	2,901	2,384	2,527	11,909	13,926	13,992	10,943
Nevada.....	104	41	165	190	1,714	2,476	1,999	1,955	1,783	1,015	3,299	3,715
Arizona.....	3,691	3,629	3,996	2,711	1,729	2,973	3,319	3,895	63,819	107,901	132,642	105,602
California.....	1,165	1,071	1,456	1,300	2,576	2,581	2,929	3,761	30,012	27,645	42,642	48,896
Oregon.....	633	634	1,091	875	1,584	1,766	2,335	2,791	10,028	11,199	25,470	24,425
Other States.....	339	21	11	18	1,087	1,085	982	1,367	3,686	228	108	246
Total, all varieties.....	7,623	6,420	7,838	5,758	1,789	2,632	2,870	3,442	136,395	168,990	224,948	<sup>2</sup> 198,165
Curly-top-resistant varieties <sup>3</sup> ...	2,368	2,018	2,495	2,216	2,096	2,615	3,238	3,393	49,630	52,763	80,797	75,197

<sup>1</sup> Seed is produced almost exclusively from fall plantings overwintered in the field.

<sup>2</sup> Comprises 75,197 bags of curly-top-resistant varieties, 31,300 bags of commercial seed of "U. S." leaf-spot-resistant varieties, 1,365 bags of elite and stock seed for use in future production of commercial seed, and 90,303 bags of seed of improved varieties bred by beet-sugar companies. See Agricultural Statistics 1949, Table 118, for notes regarding the 1948 crop.

<sup>3</sup> The curly-top-resistant varieties are chiefly those bred by the Bureau of Plant Industry, Soils, and Agricultural Engineering.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 120.—*Sugar beets: Acreage and production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*

Continent and country	Acreage						Production					
	Average		1946	1947	1948	1949 <sup>1</sup>	Average		1946	1947	1948	1949 <sup>1</sup>
	1935-39	1940-44					1935-39	1940-44				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
North America:												
Canada.....	50	62	67	58	60	84	504	655	736	606	629	859
United States.....	827	745	802	881	694	7 687	9,595	9,497	10,562	12,504	9,424	10,197
Total.....	877	807	869	939	754	771	10,099	10,152	11,298	13,110	10,053	11,056
Europe:												
Austria.....	102	83	40	49	54	57	1,191	814	247	298	411	510
Belgium.....	121	133	110	129	112	148	1,624	1,821	1,638	1,220	1,761	2,590
Bulgaria.....	23	53	80	44	88	76	155	310	238	138	546	397
Czechoslovakia.....	383	452	398	421	430	478	5,223	4,136	4,241	2,281	4,191	4,096
Denmark.....	100	110	106	108	121	150	1,624	1,688	1,690	1,604	1,886	2,348
Finland.....	10	8	9	13	16	18	96	52	53	88	197	202
France.....	708	597	618	722	761	866	9,053	6,334	7,304	6,495	10,389	9,776
Germany.....	1,053	<sup>2</sup> 1,515	<sup>2</sup> 820	<sup>2</sup> 869	<sup>2</sup> 856	<sup>2</sup> 866	12,957	<sup>2</sup> 17,355	<sup>2</sup> 7,799	<sup>2</sup> 5,852	<sup>2</sup> 9,089	<sup>2</sup> 8,609
Hungary.....	120	119	228	277	257	256	1,110	1,289	569	1,106	1,820	1,984
Ireland.....	55	72	79	62	66	59	590	703	569	538	684	720
Italy.....	312	361	250	272	279	312	4,998	4,070	2,554	2,458	3,757	3,804
Netherlands.....	107	109	111	126	115	166	1,760	1,716	1,879	1,739	2,087	2,843
Poland and Danzig.....	331	<sup>2</sup> 403	<sup>2</sup> 420	<sup>2</sup> 419	<sup>2</sup> 576	<sup>2</sup> 635	3,147	<sup>2</sup> 3,520	<sup>2</sup> 3,007	<sup>2</sup> 3,255	<sup>2</sup> 4,829	<sup>2</sup> 5,666
Rumania.....	73	111	116	141	151	153	650	520	225	649	467	500
Spain.....	191	147	176	161	237	210	2,200	1,302	1,682	1,337	2,010	1,627
Sweden.....	129	132	135	119	118	122	2,089	2,008	1,958	1,646	1,993	1,951
Switzerland.....	7	10	14	14	13	14	91	164	188	177	204	223
United Kingdom.....	344	387	436	395	409	421	3,310	3,797	5,064	3,315	4,837	4,437
Yugoslavia.....	71	67	62	67	82	86	707	391	524	633	827	843
Total Europe ex- cluding U.S.S.R.....	4,240	4,869	4,208	4,408	4,741	5,193	52,575	51,990	41,429	34,829	51,985	53,126
U.S.S.R. (Europe Asia) <sup>3</sup> .....	3,096	2,009	2,318	2,422	2,842	2,850	19,982	13,603	5,690	14,881	16,865	17,100
Asia:												
Turkey.....	70	96	99	114	116	126	476	584	685	704	788	902
Grand total.....	8,283	7,781	7,494	7,883	8,453	8,940	83,132	76,329	59,102	63,524	79,691	82,184

<sup>1</sup> Preliminary.<sup>2</sup> Data not comparable with previous years because of boundary changes.<sup>3</sup> Includes Latvia and Lithuania.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. Except as otherwise noted, all acreage and production figures are for postwar boundaries.

TABLE 121.—*Sugar beets: Season average price per ton received by farmers, support payments, and program payments, by States, crop years 1945-49<sup>1</sup>*

State and kind of payments	1945	1946	1947 <sup>2</sup>	1948 <sup>3</sup>	1949 <sup>3</sup>	State and kind of payments	1945	1946	1947 <sup>2</sup>	1948 <sup>3</sup>	1949 <sup>3</sup>
Ohio:						Colorado:					
Price of beets.....	Dol. 9.05	Dol. 13.80	Dol. 13.00	Dol. 12.30	Dol. -----	Price of beets.....	Dol. 8.00	Dol. 10.10	Dol. 11.50	Dol. 9.80	Dol. -----
Support payments.....	2.65	-----	-----	-----	-----	Support payments.....	1.90	-----	-----	-----	-----
Program payments.....	2.56	2.78	2.24	2.51	-----	Program payments.....	2.48	2.24	2.41	2.27	-----
Total.....	14.26	16.58	15.24	14.81	-----	Total.....	12.38	12.34	13.91	12.07	-----
Michigan:						Utah:					
Price of beets.....	8.55	13.80	13.40	13.50	-----	Price of beets.....	7.51	10.70	11.60	10.30	-----
Support payments.....	2.55	-----	-----	-----	-----	Support payments.....	2.09	-----	-----	-----	-----
Program payments.....	2.48	2.79	2.38	2.67	-----	Program payments.....	2.43	2.26	2.42	2.42	-----
Total.....	13.58	16.59	15.78	16.17	-----	Total.....	12.03	12.96	14.02	12.72	-----
Nebraska:						California: <sup>4</sup>					
Price of beets.....	7.41	10.30	11.40	9.20	-----	Price of beets.....	8.57	11.20	12.20	11.00	-----
Support payments.....	1.79	-----	-----	-----	-----	Support payments.....	2.23	-----	-----	-----	-----
Program payments.....	2.32	2.28	2.39	2.18	-----	Program payments.....	2.50	2.47	2.43	2.31	-----
Total.....	11.52	12.58	13.79	11.38	-----	Total.....	13.30	13.67	14.63	13.31	-----
Montana:						Other States:					
Price of beets.....	8.24	10.90	12.30	10.30	-----	Price of beets.....	7.57	11.20	11.40	10.70	-----
Support payments.....	2.06	-----	-----	-----	-----	Support payments.....	2.22	-----	-----	-----	-----
Program payments.....	2.61	2.45	2.56	2.58	-----	Program payments.....	2.47	2.47	2.37	2.48	-----
Total.....	12.91	13.35	14.86	12.88	-----	Total.....	12.26	13.67	13.77	13.18	-----
Idaho:						United States:					
Price of beets.....	7.78	11.50	11.90	10.30	-----	Price of beets.....	8.09	11.20	11.90	10.60	10.70
Support payments.....	2.12	-----	-----	-----	-----	Support payments.....	2.11	-----	-----	-----	-----
Program payments.....	2.53	2.45	2.52	2.51	-----	Program payments.....	2.49	2.43	2.44	2.40	2.48
Total.....	12.43	13.95	14.42	12.81	-----	Total.....	12.69	13.63	14.34	13.00	13.18
Wyoming:											
Price of beets.....	8.19	10.90	12.00	9.60	-----						
Support payments.....	1.91	-----	-----	-----	-----						
Program payments.....	2.59	2.46	2.55	2.48	-----						
Total.....	12.69	13.36	14.55	12.08	-----						

<sup>1</sup> Program payments for 1945-47 were made under Sugar Act of 1937, as amended; payments for 1948 were made under Sugar Act of 1948; payments with respect to crop deficiency and acreage abandonment have not been included. See table 761 for amounts of abandonment and deficiency payments. Support payments for 1945 were made under the War Food Administration program.

<sup>2</sup> For 1947, the price of beets includes C.C.C. support payments which averaged nationally \$1.30 per ton. Price support payments not available by States.

<sup>3</sup> Preliminary.

<sup>4</sup> Price of beets includes fall-planted beets in next crop year. Support payments and Sugar Act payments include fall-planted beets in the same crop year.

Bureau of Agricultural Economics. Payments under Federal sugar program computed by Sugar Branch of Production and Marketing Administration.



TABLE 122.—*Sugarcane for sugar and seed: Acreage, yield, production, and value, also production of cane sugar and molasses, Louisiana and Florida, 1929-49*

Year <sup>1</sup>	Acreage harvested			Yield of cane per acre <sup>1</sup>			Production			Season average price per ton received by farmers <sup>2</sup>	Farm value		Sugar produced			Molasses made		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total		Of cane used for sugar	Of cane used for sugar and seed	96° raw basis <sup>3</sup>	Equivalent refined <sup>4</sup>	96° raw sugar per ton of cane	Black-strap	Edible	Total <sup>4</sup>
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	1,000 dollars	1,000 dollars	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons	1,000 gallons
1929.....	191.7	13.3	205.0	16.3	17.3	16.3	3,120	230	3,350	3.73	11,637	12,500	218	205	140	15,862	5,201	21,063
1930.....	187.2	16.3	203.5	15.5	14.9	15.5	2,910	243	3,153	3.31	9,614	10,430	215	201	148	14,234	4,855	19,089
1931.....	182.1	17.3	199.4	13.9	13.8	13.9	2,524	239	2,763	3.21	8,093	8,874	184	172	146	11,296	5,168	16,464
1932.....	220.6	21.3	241.9	15.0	13.7	14.9	3,307	292	3,599	2.98	9,854	10,741	265	248	160	13,472	5,462	18,934
1933.....	211.4	22.4	233.8	14.5	13.7	14.4	3,069	306	3,375	3.14	9,614	10,607	250	234	163	14,140	5,301	19,441
1934.....	235.8	26.8	262.6	14.4	14.9	14.5	3,403	399	3,802	2.33	7,925	8,854	267	249	157	15,686	5,512	21,198
1935.....	253.1	22.3	275.4	18.1	17.1	18.0	4,573	381	4,954	3.15	14,382	15,589	383	358	168	23,380	5,526	28,906
1936.....	243.6	20.6	264.2	22.2	21.4	22.2	5,419	441	5,860	3.67	19,872	21,499	437	409	161	31,061	5,228	36,289
1937.....	284.4	22.8	307.2	20.7	21.3	20.7	5,881	486	6,367	2.90	17,076	18,488	462	432	157	33,531	3,880	37,411
1938.....	294.3	18.6	312.9	22.9	22.4	22.9	6,741	416	7,157	2.70	18,240	19,355	583	545	173	40,506	3,882	44,388
1939.....	256.1	20.8	276.9	22.6	22.2	22.5	5,783	461	6,244	2.84	16,441	17,759	504	471	174	31,716	4,891	36,607
1940.....	238.0	31.7	269.7	16.0	13.3	15.6	3,797	421	4,218	2.87	10,934	12,097	332	311	175	21,476	2,706	24,182
1941.....	256.0	32.7	288.7	19.1	17.9	19.0	4,887	584	5,471	3.95	19,284	21,585	419	392	171	26,052	5,400	31,452
1942.....	291.4	25.5	316.9	18.5	17.3	18.4	5,400	440	5,840	4.39	23,743	25,663	460	430	170	26,601	7,732	34,333
1943.....	286.2	19.7	305.9	21.2	20.5	21.2	6,081	404	6,485	4.58	27,820	29,675	498	466	164	33,184	10,690	43,874
1944.....	273.1	21.2	294.3	20.9	20.2	20.8	5,700	428	6,128	4.95	28,191	30,313	437	409	153	34,116	6,922	41,038
1945.....	270.4	20.0	290.4	23.2	22.1	23.1	6,276	442	6,718	5.67	35,593	38,078	475	444	151	32,165	15,181	47,346
1946.....	286.7	24.1	310.8	19.3	18.3	19.2	5,525	442	5,967	6.62	36,603	39,513	425	397	154	26,404	13,589	39,993
1947.....	292.6	28.6	321.2	16.5	15.9	16.5	4,842	455	5,297	7.17	34,697	37,974	376	352	155	27,076	5,146	32,222
1948.....	309.2	25.4	334.6	20.3	20.0	20.3	6,271	507	6,778	5.77	36,147	39,094	477	466	152	40,416	4,016	44,432
1949 <sup>5</sup> .....	313.5	24.2	337.7	20.2	19.2	20.1	6,332	464	6,796	6.00	38,020	40,786	520	486	164	37,051	3,314	40,365

<sup>1</sup> The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.

<sup>2</sup> Prices do not include Government payments under the Sugar Act. Price support payments for 1943-45 are included. See table 124.

<sup>3</sup> Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 98.46 pounds of refined sugar.

<sup>5</sup> Sirup production not included. (See table 137.)

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Of the total sugar produced in Louisiana about 25 percent consists of direct consumption sugar, marketed "as made" without further refining. Data for 1909-28 in Agricultural Statistics, 1942, table 175.

**TABLE 123.—Sugarcane for sugar and seed: Acreage, yield, production, and season average price per ton received by farmers, also production of cane sugar and molasses, by States, average 1938-47, annual 1948 and 1949**

**SUGARCANE FOR SUGAR AND SEED**

Classification and State	Acreage harvested			Yield of cane per acre <sup>2</sup>			Cane production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948 <sup>3</sup>	1949 <sup>1,3</sup>
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars
For sugar:												
Louisiana.....	246.7	274	277	18.8	19.2	18.8	4,643	5,261	5,208	4.55	5.88	<sup>4</sup> 5.93
Florida.....	27.8	35.2	36.5	31.2	28.7	30.8	860	1,010	1,124	4.67	5.16	6.35
Total.....	274.5	309.2	313.5	20.0	20.3	20.2	5,503	6,271	6,332	4.58	5.76	6.00
For seed:												
Louisiana.....	23.4	24	23	18.4	19.2	18.8	420	461	432			
Florida.....	9	1.4	1.2	33.6	33.0	27.0	29	46	32			
Total.....	24.3	25.4	24.2	19.0	20.0	19.2	449	507	464			
For sugar and seed:												
Louisiana.....	270.1	298	300	18.7	19.2	18.8	5,063	5,722	5,640	4.55	5.88	<sup>4</sup> 5.93
Florida.....	28.7	36.6	37.7	31.2	28.9	30.7	889	1,056	1,156	4.67	5.16	6.35
United States total.....	298.8	334.6	337.7	19.9	20.3	20.1	5,952	6,778	6,796	4.57	5.77	6.00

**PRODUCTS OF CANE HARVESTED FOR SUGAR**

State	Raw sugar per ton of cane, 96° equivalent			Raw sugar produced, 96° equivalent <sup>4</sup>			Equivalent refined <sup>5</sup>			Molasses, including blackstrap		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	Lb.	Lb.	Lb.	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons
Louisiana.....	159	151	160	369	397	416	345	371	389	32,399	37,296	33,469
Florida.....	190	158	185	82	80	104	77	75	97	<sup>8</sup> 5,144	<sup>8</sup> 7,136	<sup>8</sup> 6,896
United States total.....	164	152	164	451	477	520	422	446	486	37,544	44,432	40,365

<sup>1</sup> Preliminary.

<sup>2</sup> The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.

<sup>3</sup> Does not include Government payments under the Sugar Act of approximately \$1.24 per ton in 1948 and \$1.33 in 1949.

<sup>4</sup> Adjusted to gross production basis; price of net cane, \$6.20 per ton.

<sup>5</sup> Calculated by the Agricultural Adjustment Administration method (S. R. Series 1, No. 1).

<sup>6</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>7</sup> Includes 4,016,000 gallons of edible molasses in 1948 and 3,314,000 gallons in 1949.

<sup>8</sup> Edible molasses not produced in Florida; therefore the Florida figures are for blackstrap.

Bureau of Agricultural Economics.

TABLE 124.—*Sugarcane for sugar: Average price per ton and payments to farmers under Federal sugar programs, Florida and Louisiana, 1940-1949*

Year	Florida				Louisiana				United States			
	Price of cane	Payments under Federal sugar programs		Total	Price of cane	Payments under Federal sugar programs		Total	Price of cane	Payments under Federal sugar programs		Total
		Price support <sup>1</sup>	Other <sup>2</sup>			Price support <sup>1</sup>	Other <sup>2</sup>			Price support <sup>1</sup>	Other <sup>2</sup>	
	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
1940.....	3.37	-----	1.25	4.62	2.72	-----	0.96	3.68	2.88	-----	1.03	3.91
1941.....	3.97	-----	1.20	5.17	3.94	-----	.98	4.92	3.95	-----	1.02	4.97
1942.....	4.74	-----	1.57	6.31	4.35	-----	1.38	5.73	4.40	-----	1.40	5.80
1943.....	4.38	-----	1.55	5.93	4.26	0.34	1.34	5.94	4.27	0.30	1.36	5.93
1944.....	4.47	0.26	1.49	6.22	4.15	.83	1.28	6.26	4.20	.75	1.31	6.26
1945.....	4.92	1.21	1.58	7.71	4.08	1.50	1.32	6.85	4.22	1.45	1.32	6.99
1946.....	6.95	-----	1.54	8.49	6.55	-----	1.32	7.87	6.62	-----	1.36	7.98
1947.....	6.85	-----	1.51	8.36	<sup>3</sup> 7.24	-----	1.33	8.57	7.17	-----	1.36	8.53
1948.....	5.16	-----	1.33	6.49	<sup>3</sup> 5.88	-----	1.22	7.10	5.76	-----	1.24	7.00
1949 <sup>4</sup> .....	6.35	-----	1.44	7.79	<sup>3</sup> 5.93	-----	1.31	7.24	6.00	-----	1.33	7.33

<sup>1</sup> Made under the Commodity Credit Corporation price assistance program.<sup>2</sup> Representing gross payments relative to sugarcane marketed before applying penalties which were imposed in 1940 and before deducting county association expenses which were charged in all years; payments with respect to crop deficiency and acreage abandonment not included. Conditional payments under the Sugar Act computed at the basic rate before adjusting for reductions applicable to large producers as provided for in sec. 304 (c). The basic rate of payment increased from 60 to 80 cents per 100 pounds of sugar in 1942.<sup>3</sup> For 1947 and 1948, payment made to growers on basis of cane including up to 3 percent trash. In 1949, payment made on basis clean cane. Prices shown for 1947 and 1948 are for cane including 3 percent trash allowance. Price for 1949 is basis gross cane. Price for clean cane was \$6.20 per ton. Prices for cane in 1947 and 1948 on gross basis were \$7.02 and \$5.66 per ton, respectively.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Payments under Federal sugar program computed by Sugar Branch of Production and Marketing Administration.

TABLE 125.—*Sugar, raw basis: Production in continental United States and principal areas supplying United States with sugar, 1940-49*

Crop year <sup>1</sup>	Cane sugar							Beet sugar, continental United States <sup>2</sup>	Total cane and beet sugar
	Continental United States	Puerto Rico	Hawaii	Philip-pine Islands <sup>2</sup>	Virgin Islands	Cuba	Total		
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1940.....	332	918	947	1,148	8	2,734	6,087	1,879	7,966
1941.....	419	1,082	870	665	1	3,800	6,837	1,695	8,432
1942.....	460	1,046	886	150	4	3,230	5,776	1,732	7,508
1943.....	498	729	875	150	3	4,738	6,993	1,000	7,993
1944.....	437	971	821	75	4	3,923	6,231	1,048	7,279
1945.....	475	916	680	69	5	4,476	6,621	1,266	7,887
1946.....	425	1,095	872	132	3	6,448	8,975	1,523	10,498
1947.....	376	1,116	835	436	4	6,675	9,442	1,835	11,277
1948.....	477	1,277	985	765	4	5,763	9,271	1,370	10,641
1949 <sup>4</sup> .....	520	1,283	985	755	4	6,100	9,647	1,564	11,211

<sup>1</sup> Crop year, with beginning dates varying from September to the following January.<sup>2</sup> Includes the production of muscovado and panocha, a low grade of sugar mostly for domestic consumption.<sup>3</sup> Beet sugar (refined) reduced to raw basis by multiplying by 1.07.<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations.

TABLE 126.—*Cane sugar: Production in Cuba, 1941-50*

Year <sup>1</sup>	Acreage in cane		Sugarcane harvested <sup>2</sup>		Raw sugar produced		Molasses produced	
	Grown	Harvested	Per acre	Total	Total	Per ton of sugar cane	Black-strap	High test
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1941.....	2,294	1,847	17.87	33,010	2,734	250	101,241	331,352
1942.....	2,172	2,093	17.45	36,525	3,800	246	163,628	168,602
1943.....	2,402	1,597	15.85	25,309	3,230	255	139,504	0
1944.....	2,496	2,392	18.94	45,314	4,738	248	230,892	222,147
1945.....	2,528	2,343	12.90	30,224	3,923	260	194,912	0
1946.....	2,645	2,517	14.64	36,859	4,476	243	261,924	0
1947.....	2,845	2,774	18.96	52,584	6,448	245	339,205	0
1948.....	3,025	2,915	18.62	54,270	6,675	246	332,335	0
1949.....	2,980	2,939	15.65	46,000	5,763	251	300,000	0
1950 <sup>3</sup> .....	2,960	2,900	16.00	46,400	6,100	263	289,000	0

<sup>1</sup> Harvesting season usually begins in January and extends through June. The length of the growing season is normally 12 months.

<sup>2</sup> Includes cane harvested for sugar and high-test molasses.

<sup>3</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared from data compiled by the Cuban Department of Agriculture and from trade sources.

TABLE 127.—*Cane sugar: Production in Puerto Rico, 1941-50*

Year	Acreage in cane		Sugarcane harvested		Sugar produced, 96° basis <sup>2</sup>		Black-strap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of sugarcane	
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 short tons</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>
1941.....	337	236	7,745	32.8	1,933	241	40,276
1942.....	338	308	10,010	32.5	1,148	229	51,400
1943.....	319	310	8,667	27.9	1,038	240	40,200
1944.....	313	280	5,600	20.0	723	258	28,200
1945.....	336	289	7,998	27.7	964	241	40,400
1946.....	352	303	7,539	24.9	909	241	38,400
1947.....	365	325	9,286	28.6	1,088	234	50,800
1948.....	369	336	9,541	28.4	1,108	232	54,823
1949.....	376	353	10,998	31.2	1,277	232	59,275
1950 <sup>3</sup> .....	375	350	10,615	30.3	1,286	242	49,522

<sup>1</sup> Grinding begins in January. About  $\frac{1}{3}$  of the crop is 18 months' growth and  $\frac{2}{3}$  is 12 months' growth.

<sup>2</sup> This quantity is approximately one percent less than "raw value" as defined in the Sugar Act of 1948.

<sup>3</sup> Preliminary.

Production and Marketing Administration. Molasses data from the Association of Sugar Producers of Puerto Rico.

TABLE 128.—*Cane sugar: Production in Hawaii, 1940-49*

Year <sup>1</sup>	Total acreage in cane	Cane used for sugar			Sugar produced		Raw sugar 96° made per short ton of cane	Recovery of equivalent refined sugar from cane ground <sup>3</sup>
		Acreage har- vested	Yield per acre <sup>2</sup>	Pro- duc- tion	Converted to 96° raw basis <sup>3</sup>	Equiva- lent re- fined <sup>4</sup>		
	1,000 acres	1,000 acres	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	Percent
1940.....	235	136	62.7	8,557	977	913	228	10.67
1941.....	238	131	65.5	8,560	947	885	221	10.34
1942.....	225	115	69.0	7,918	870	813	220	10.27
1943.....	221	114	72.0	8,185	886	828	216	10.11
1944.....	216	110	71.5	7,832	875	818	223	10.44
1945.....	211	103	71.4	7,371	821	768	223	10.41
1946.....	208	84	71.1	6,002	680	636	227	10.59
1947.....	212	113	70.3	7,942	872	815	220	10.26
1948.....	207	100	75.4	7,543	835	780	221	10.35
1949.....	213	109	74.0	8,046	956	893	238	11.10

<sup>1</sup> Beginning Jan. 1.<sup>2</sup> The growth of 18 to 24 months. Only a portion of the total acreage in cane is harvested each year.<sup>3</sup> Converted in accordance with Sugar Regulations, Series 1, No. 1, U.S. Department of Agriculture, Agricultural Adjustment Administration, issued Feb. 18, 1935.<sup>4</sup> 1 ton of raw sugar, 96° test, is assumed to be equivalent to 0.9346 ton of refined.<sup>5</sup> Based on tonnage of cane used.

Bureau of Agricultural Economics. Collected through the Hawaiian Sugar Planters' Association. Data for 1919-39 in Agricultural Statistics, 1942, table 182.

TABLE 129.—*Cane sugar: Production in Philippine Islands, 1940-49*

Crop year <sup>1</sup>	Sugarcane harvested				Sugar produced			Centrif- ugal sugar made per ton of sug- arcane	Production of—	
	Acreage cul- tivated	Yield per acre <sup>2</sup>	Produc- tion of all cane har- vested <sup>3</sup>	Produc- tion for centrif- ugal sugar	Total	Centrif- ugal as made	Muscovado and panocha		Basi	Mo- lasses
	1,000 acres	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons
1940.....	551	17.00	9,506	8,135	1,148	1,035	113	254	2,000	49,163
1941.....	334	17.00	5,795	4,400	665	550	115	250	2,000	26,125
1942.....	180	10.00	1,795	40	150	5	145	250	2,000	238
1943.....	144	10.00	1,435	40	150	5	145	250	2,000	238
1944.....	96	10.00	955	40	75	5	70	250	2,000	238
1945.....	72	11.08	798	109	69	13	56	239	2,000	613
1946.....	101	13.32	1,345	681	132	78	54	229	2,000	4,698
1947.....	203	18.68	3,792	3,321	436	398	38	240	2,000	27,226
1948.....	297	21.37	6,346	5,908	765	729	36	247	2,000	28,908
1949 <sup>4</sup> .....	325	21.29	6,919	6,484	755	720	35	247	2,000	30,000

<sup>1</sup> Harvesting season begins about Nov. 1, the length of the growing season being about 11 months.<sup>2</sup> Calculated cane production divided by acreage.<sup>3</sup> Calculated cane production is the sum of the estimated quantities of cane used for the production of the various kinds of sugar and basi. The quantity of cane ground for the production of centrifugal sugar is estimated on the basis of the reported yield of sugar per ton of cane. The quantity of cane ground for the production of muscovado, panocha, and basi is estimated on the basis of assumed ratios of juice extraction between the small mills and centrals.<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from reports of Philippine Department of Agriculture and Commerce.

TABLE 130.—*Sugar, raw value: Production in specified countries, averages 1935-39 and 1940-44, annual 1944-49<sup>1</sup>*

Continent and country	Average		1944	1945	1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44						
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
North America (cane):								
British Honduras.....	1	1	1	1	1	1	2	2
Canada (beet).....	76	99	88	88	105	89	104	121
Costa Rica.....	9	15	9	9	17	23	28	26
El Salvador.....	19	21	20	22	32	30	26	27
Guatemala.....	38	55	54	64	75	60	71	71
Honduras.....	2	1	2	2	2	2	2	6
Mexico.....	364	455	439	444	578	714	754	712
Nicaragua.....	9	15	14	17	17	20	22	23
Panama, including Canal Zone.....	5	5	5	7	10	13	14	14
United States (beet).....	1,518	1,451	1,048	1,266	1,523	1,835	1,370	1,564
United States (cane).....	474	429	437	475	425	376	477	520
Caribbean:								
Antigua.....	25	22	23	30	25	14	20	30
Barbados.....	133	108	111	127	99	65	152	135
Cuba.....	3,183	3,686	3,924	4,476	6,448	6,675	5,763	6,100
Dominican Republic.....	491	494	403	504	512	465	526	500
Grenada.....	1	1	1	1	1	1	1	1
Guadeloupe.....	60	61	32	50	39	31	47	66
Haiti.....	44	47	50	44	50	46	49	52
Jamaica.....	119	175	170	199	191	216	282	315
Martinique.....	65	36	12	26	26	25	25	44
Puerto Rico.....	977	949	971	916	1,095	1,116	1,277	1,283
St. Christopher.....	36	36	32	36	38	35	40	47
St. Lucia and St. Vincent.....	9	9	8	8	8	10	13	13
Trinidad and Tobago.....	148	102	86	123	123	130	178	174
Virgin Islands of the United States.....	6	4	4	5	3	4	4	4
Total.....	7,812	8,267	7,949	8,940	11,443	11,996	11,247	11,850
Europe (beet):								
Austria.....	196	128	91	20	27	44	58	76
Belgium.....	259	253	216	156	258	153	295	375
Bulgaria.....	24	52	39	21	37	21	82	60
Czechoslovakia.....	714	680	592	494	651	387	699	688
Denmark.....	257	232	182	189	221	230	271	330
Finland.....	13	6	6	5	6	9	26	27
France.....	1,059	636	366	508	842	728	1,073	967
Germany.....	2,122	<sup>3</sup> 2,172	<sup>3</sup> 2,414	<sup>3</sup> 860	<sup>3</sup> 1,102	<sup>3</sup> 863	<sup>3</sup> 1,431	<sup>3</sup> 1,301
Hungary.....	136	197	216	8	74	169	268	292
Ireland.....	89	103	99	116	64	75	104	110
Italy.....	416	419	66	21	312	270	513	551
Netherlands.....	257	212	45	66	273	246	314	450
Poland and Danzig.....	548	<sup>3</sup> 531	<sup>3</sup> 480	<sup>3</sup> 216	<sup>3</sup> 469	<sup>3</sup> 606	<sup>3</sup> 765	<sup>3</sup> 909
Rumania.....	99	81	32	38	35	91	124	127
Spain <sup>4</sup> .....	209	164	178	132	208	182	295	216
Sweden.....	340	318	308	309	272	268	322	321
Switzerland.....	12	24	25	31	24	26	30	29
United Kingdom.....	527	560	465	603	668	523	679	554
Yugoslavia.....	93	67	19	36	44	94	105	110
Total Europe (excl. U.S.S.R.).....	7,370	6,835	5,839	3,829	5,587	4,985	7,454	7,493
U.S.S.R. (Europe and Asia) <sup>5</sup> (beet).....	2,761	1,283	1,270	1,200	775	1,700	2,000	2,200
Asia (cane):								
Iran (beet).....	21	27	28	25	40	63	43	34
Turkey (beet).....	77	103	110	118	117	118	144	165
Burma <sup>6</sup> .....	113	98	88	71	86	95	88	82
China.....	438	402	350	350	369	380	400	300
Manchuria (beet).....	14	25	31	30	29	29	29	29
Formosa.....	1,202	921	361	97	35	296	696	675
French Indochina.....	76	79	80	50	6	15	17	7
India <sup>7</sup> .....	5,369	5,154	5,296	5,094	5,503	5,901	5,592	5,492
Pakistan <sup>7</sup> .....	799	797	842	972	5,054	989	1,139	1,159
Japan <sup>8</sup> .....	167	134	105	50	16	24	21	28
Java and Madura <sup>9</sup> .....	1,447	953	95	22	25	100	276	360
Philippine Islands <sup>10</sup> .....	1,107	438	75	69	132	436	765	755
Total Asia (excl. U.S.S.R.).....	10,830	9,131	7,461	6,948	7,312	8,446	9,210	9,086

See footnotes at end of table.

TABLE 130.—*Sugar, raw value: Production in specified countries, averages 1935-39 and 1940-44, annual 1944-49<sup>1</sup>*—Continued

Continent and country	Average		1944	1945	1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44						
	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>
South America (cane):								
Argentina.....	480	480	506	495	699	668	623	605
Brazil.....	1,159	1,387	1,339	1,399	1,633	1,913	1,966	1,900
British Guiana.....	209	181	176	192	188	194	195	220
Colombia.....	47	79	89	89	97	127	162	187
Ecuador.....	24	32	27	38	39	40	48	54
Paraguay.....	7	13	11	9	21	18	14	19
Peru.....	448	477	466	438	476	549	529	550
Surinam.....	19	10	5	6	4	6	5	8
Uruguay (beet).....	2	2	2	2	2	1	2	4
Venezuela.....	19	34	32	32	32	38	38	45
Total.....	2,414	2,695	2,653	2,700	3,191	3,554	3,582	3,592
Africa (cane):								
Belgian Congo.....	14	17	15	16	16	18	18	20
British East Africa:								
Kenya.....		13	9	9	7	12	15	13
Tanganyika.....	63	9	9	8	9	9	7	8
Uganda.....		55	50	51	55	68	76	65
Egypt.....	167	183	190	198	216	245	210	198
Madagascar.....	13	13	13	18	14	8	13	16
Madeira Islands and Azores.....	9	5	6	7	7	8	8	8
Mauritius.....	321	330	223	175	320	386	432	459
Mozambique.....	79	66	91	90	82	89	88	84
Angola.....	38	54	58	57	50	49	43	47
Reunion.....	92	60	15	22	75	98	86	118
Union of South Africa.....	498	550	614	553	475	512	608	561
Total.....	1,294	1,355	1,293	1,204	1,326	1,502	1,604	1,597
Oceania (cane):								
Australia.....	894	761	750	746	618	678	1,056	1,050
Fiji.....	143	115	71	73	131	157	149	146
Hawaiian Islands.....	980	880	821	680	872	835	955	985
Japanese Mandated Islands.....	69	30	0	0	0	0	0	0
Total.....	2,086	1,786	1,642	1,499	1,621	1,670	2,160	2,181
Total, beet.....	11,861	9,848	8,440	6,582	8,163	8,800	11,124	11,584
Total, cane.....	22,706	21,504	19,667	19,738	23,092	25,053	26,133	26,415
Total, beet and cane.....	34,567	31,352	28,107	26,320	31,255	33,853	37,257	37,990

<sup>1</sup> Years shown are for crop years; generally the harvesting season begins in the fall months of the year shown or in the early months of the following year, except in certain cane-sugar-producing countries in the Southern Hemisphere, such as Australia, Argentina, Mauritius, Union of South Africa, etc., where the season begins in May or June of the year shown.

<sup>2</sup> Preliminary.

<sup>3</sup> Data not comparable with previous years because of boundary changes.

<sup>4</sup> Includes a small quantity of cane sugar.

<sup>5</sup> Includes Latvia and Lithuania.

<sup>6</sup> Includes centrifugal sugar and cane and palm jaggery.

<sup>7</sup> Data are in terms of gur, a low grade of brown sugar.

<sup>8</sup> Includes cane and beet sugar.

<sup>9</sup> Data for Java are for the calendar years following the years shown.

<sup>10</sup> Includes centrifugal, muscovado, and panocha sugar.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. Except as noted, all averages and production figures are for postwar boundaries.

TABLE 131.—*Sugar (raw): Stocks, production, trade, and supply available for consumption in continental United States, 1937-49*

Year beginning July—	Stocks as of July 1 <sup>1</sup>	Production <sup>2</sup>	Shipments from duty-free areas <sup>3</sup>	Imports as sugar <sup>4</sup>	Domestic exports as sugar <sup>5</sup>	Domestic exports in other forms <sup>6</sup>	Available for consumption <sup>7</sup>		
							Total	Per capita <sup>8</sup>	
								Raw	Refined <sup>9</sup>
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	Pounds
1937.....	1,447	1,840	2,692	1,743	65	15	5,996	92.1	86.1
1938.....	1,646	2,386	2,709	1,667	89	14	6,285	95.8	89.5
1939.....	2,020	2,262	2,570	2,512	227	14	7,003	105.9	99.0
1940.....	2,120	2,229	2,996	2,406	68	13	7,587	113.7	106.3
1941.....	2,083	2,007	1,714	2,544	145	19	6,569	97.5	91.1
1942.....	1,615	2,186	1,587	2,255	200	0	5,964	87.4	81.7
1943.....	1,479	1,496	1,624	3,986	486	2	6,809	98.5	92.1
1944.....	1,288	1,493	1,303	4,231	225	5	7,401	105.9	99.0
1945.....	684	1,753	1,720	2,442	318	8	5,318	75.3	70.4
1946.....	955	1,948	1,457	3,371	290	(10)	6,303	87.8	82.1
1947.....	1,138	2,211	1,578	3,515	100	15	6,825	93.3	87.2
1948 <sup>11</sup> .....	1,502	1,847	1,564	3,311	60	35	7,173	96.3	90.0
1949 <sup>11</sup> .....	956	2,084	1,473	2,971	239				

<sup>1</sup> Beginning 1935, includes stocks of raw and refined sugar held by refiners, by importers and distributors of direct consumption sugar, and by beet-sugar factories, as reported by the Sugar Branch, U. S. Department of Agriculture. Beginning 1940, includes stocks held by importers. Stocks on July 1, 1940, comparable to July 1, 1939, totaled 2,045,506 tons. <sup>2</sup> Beet and cane sugar only. Beet converted to raw at the rate of 1.07 tons raw to 1 ton refined. B.A.E. series. <sup>3</sup> Shipments from Hawaii, Puerto Rico, and the Virgin Islands, and duty-free imports from the Philippine Islands. <sup>4</sup> Imports for consumption. No account taken of sugar imported in other forms. Does not include imports from the Philippine Islands. <sup>5</sup> Shipments to Hawaii, Puerto Rico, and Alaska included, and to Virgin Islands, beginning January 1935. Direct exports to foreign countries through customs districts of noncontiguous territories excluded. <sup>6</sup> Sugar used in the manufacture of other commodities for export, on which drawback was paid, taken into account. <sup>7</sup> Beginning July 1941, includes sugar available for military services, both in the United States and abroad. <sup>8</sup> Based on estimates of total population, January 1. <sup>9</sup> Raw sugar converted to a refined basis by dividing by 1.07. <sup>10</sup> Less than 500 tons. <sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Trade figures compiled from reports and records of the Department of Commerce. Data for earlier years in Agricultural Statistics, 1941, table 206, and in the 1942 book, table 185, and the 1948 book, table 133. Data on a calendar year basis in Agricultural Statistics, 1949, table 130, and in the World Sugar Situation report.

TABLE 132.—*Sugar (cane and beet): Total and per capita civilian consumption, United States, 1934-49<sup>1</sup>*

Calendar year	Total civilian consumption, unadjusted, raw basis	Civilian consumption, adjusted for changes in invisible stocks, beginning 1935 <sup>2</sup>		Calendar year	Total civilian consumption, unadjusted, raw basis	Civilian consumption, adjusted for changes in invisible stocks, beginning 1935 <sup>2</sup>	
		Total, raw basis	Per capita, refined basis			Total, raw basis	Per capita, refined basis
	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>		<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>
1934.....	6,336		93.2	1942.....	5,035	6,113	86.4
1935.....	6,623	6,609	96.5	1943.....	5,602	5,547	80.0
1936.....	6,682	6,697	97.1	1944.....	6,172	6,158	89.1
1937.....	6,650	6,642	95.8	1945.....	5,044	5,105	73.5
1938.....	6,631	6,650	95.1	1946.....	5,541	5,548	74.4
1939.....	6,859	7,060	100.2	1947.....	7,355	7,000	91.2
1940.....	7,029	6,763	95.2	1948.....	7,216	7,471	95.5
1941.....	7,960	7,354	103.7	1949.....	7,486	7,601	95.6

<sup>1</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age and members of the armed forces not eating out of civilian supplies.

<sup>2</sup> Adjusted for changes in invisible stocks held by industrial users, wholesalers, and retailers. Changes in invisible stocks are only rough approximations since reports of such stocks to the Sugar Branch of the Department of Agriculture do not constitute an adequate sample of total invisible stocks. However, they are useful for indicating approximate directional changes in invisible stocks for the purpose of estimating net disappearance of sugar for domestic civilian consumption.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-33 in Agricultural Statistics, 1944, table 128.



TABLE 133.—*Cane and beet sugar, refined: Stocks, production and receipts, and deliveries, United States, 1940-50*

## JAN. 1 STOCKS

Year	Cane-sugar refineries	Beet-sugar factories	Importers of direct consumption sugar <sup>1</sup>	Continental cane-sugar mills <sup>2</sup>	Total
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1940.....	335,390	1,262,892	106,323	45,189	1,749,794
1941.....	255,497	1,496,841	36,615	32,862	1,821,815
1942.....	222,709	1,232,256	52,800	44,621	1,552,386
1943.....	254,369	1,208,157	73,541	79,115	1,615,182
1944.....	224,497	783,642	57,787	74,538	1,140,464
1945.....	59,061	698,821	7,201	33,256	798,339
1946.....	133,151	859,759	8,213	85,064	1,086,187
1947.....	139,150	927,522	11,821	74,051	1,152,544
1948.....	230,378	1,150,401	15,565	36,757	1,433,101
1949 <sup>3</sup> .....	147,760	971,065	17,155	28,610	1,164,590
1950 <sup>3</sup> .....	175,116	1,042,423	17,565	26,474	1,261,578

## PRODUCTION AND RECEIPTS

1940.....	4,365,080	1,683,966	578,812	78,208	6,706,066
1941.....	5,158,446	1,560,272	543,329	101,925	7,363,972
1942.....	3,250,938	1,567,621	456,812	104,451	5,379,822
1943.....	4,316,043	1,001,406	466,153	111,140	5,894,742
1944.....	5,084,022	995,842	438,135	112,894	6,630,893
1945.....	4,466,279	1,135,736	429,598	143,628	6,175,241
1946.....	3,754,805	1,356,966	452,348	127,590	5,691,769
1947.....	5,181,778	1,694,898	502,054	71,044	7,449,774
1948.....	4,732,166	1,368,948	479,808	83,213	6,664,135
1949 <sup>3</sup> .....	5,154,205	1,460,826	479,353	123,759	7,218,143

## DELIVERIES

1940.....	<sup>4</sup> 4,444,973	<sup>5</sup> 1,450,017	648,520	90,535	<sup>6</sup> 6,634,045
1941.....	<sup>4</sup> 5,191,234	<sup>5</sup> 1,824,857	527,144	90,166	<sup>6</sup> 7,633,401
1942.....	<sup>4</sup> 3,219,278	<sup>5</sup> 1,591,720	436,071	69,957	<sup>6</sup> 5,317,026
1943.....	<sup>4</sup> 4,345,915	<sup>5</sup> 1,425,921	481,907	115,717	<sup>6</sup> 6,369,460
1944.....	<sup>4</sup> 5,249,458	<sup>5</sup> 1,080,663	488,721	154,176	<sup>6</sup> 6,973,018
1945.....	<sup>4</sup> 4,392,189	<sup>5</sup> 974,798	428,586	91,820	<sup>6</sup> 5,887,393
1946.....	<sup>4</sup> 3,748,866	<sup>5</sup> 1,289,203	448,740	138,603	<sup>6</sup> 5,625,412
1947.....	<sup>4</sup> 5,090,550	<sup>5</sup> 1,472,019	498,310	108,338	<sup>6</sup> 7,169,217
1948.....	<sup>4</sup> 4,814,784	<sup>5</sup> 1,548,284	478,218	91,360	<sup>6</sup> 6,932,646
1949 <sup>3</sup> .....	<sup>4</sup> 5,126,849	<sup>5</sup> 1,389,468	478,943	125,895	<sup>6</sup> 7,121,155

<sup>1</sup> Raw sugar imported for direct consumption has been converted to refined basis. Stocks include sugar in bond and in customs custody and control.

<sup>2</sup> Sugar for direct consumption only. All sugars converted to refined basis.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes raw sugar delivered by refiners for direct consumption as follows: 1940, 7,779 tons; 1941, 8,573 tons; 1942, 5,587 tons; 1943, 15,196 tons; 1944, 9,875 tons; 1945, 5,021 tons; 1946, 3,939 tons; 1947, 9,025 tons; 1948, 2,343 tons; 1949, 4,174 tons.

<sup>5</sup> Larger than actual deliveries by a small amount representing losses in reprocessing, etc.

<sup>6</sup> Includes sales for exports. The Department of Commerce reported exports of refined sugar amounting to 167,923 tons in 1940; 66,167 tons in 1941. Deliveries for export during subsequent years were: 194,911 tons in 1942; 436,312 tons in 1943; 292,953 tons in 1944; 271,621 tons in 1945; 376,850 tons in 1946; 217,060 tons in 1947; 72,243 tons in 1948, and 40,880 tons in 1949.

Production and Marketing Administration. Compiled in the Administration of the Sugar Act of 1937 and Sugar Act of 1948. Totals for 1934-39 in Agricultural Statistics, 1944, Table 127.

TABLE 134.—*Cane sugar, raw: Refiners' stocks, receipts, meltings, and direct-consumption deliveries, United States, 1940-49*

Year and source of supply	Jan. 1 stocks	Receipts <sup>1</sup>	Meltings	Deliveries for direct consumption	Losses	Dec. 31 stocks
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1940.....	478,705	4,514,423	4,647,782	7,779	205	337,362
1941.....	337,362	5,586,474	5,489,341	8,573	347	425,575
1942.....	425,575	3,392,848	3,452,420	5,587	601	359,815
1943.....	359,815	4,756,811	4,629,885	15,196	406	471,139
1944.....	471,139	5,354,862	5,484,618	9,875	282	331,226
1945.....	331,226	4,736,944	4,828,862	5,021	48	234,239
1946.....	234,239	4,023,627	4,061,082	3,939	743	192,102
1947.....	192,102	5,768,936	5,566,352	9,025	37	385,624
1948:						
Cuba.....	226,118	2,620,234	2,746,822	667	1,238	97,625
Hawaii.....	74,958	710,350	696,370	671	0	88,267
Puerto Rico.....	13,896	891,866	903,111	612	5	2,034
Philippines.....	0	251,617	248,381	17	2	3,217
Continental United States.....	42,091	351,794	361,632	376	0	31,877
Virgin Islands.....	0	4,287	4,287	0	0	0
Other countries.....	28,561	61,408	89,421	0	0	548
Miscellaneous (sweepings, etc.).....	0	154	154	0	0	0
Total.....	385,624	4,891,710	5,050,178	2,343	1,245	223,568
1949: <sup>2</sup>						
Cuba.....	97,625	2,848,018	2,867,737	907	36	76,963
Hawaii.....	88,267	712,458	667,906	2,764	0	130,055
Puerto Rico.....	2,034	1,044,346	986,909	452	1	59,018
Philippines.....	3,217	524,088	525,314	0	1	1,990
Continental United States.....	31,877	412,672	380,505	51	1	63,992
Virgin Islands.....	0	4,363	4,363	0	0	0
Other countries.....	548	55,658	52,271	0	1	3,934
Miscellaneous (sweepings, etc.).....	0	103	103	0	0	0
Total.....	223,568	5,601,706	5,485,108	4,174	40	335,952

<sup>1</sup> Receipts are of sugar arriving in the ports of the United States regardless of whether or not it has been imported (i.e., entered through the customs).

<sup>2</sup> Preliminary.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937 and Sugar Act of 1948. Totals for 1934-39 in Agricultural Statistics, 1944, table 126.

TABLE 135.—*Sugar, raw and refined: Average price per pound at specified markets, 1940-49*

Year	Wholesale price				Retail price, granulated, United States <sup>4</sup>	Year	Wholesale price				Retail price, granulated, United States <sup>4</sup>
	Raw, 96° centrifugal			Refined			Raw, 96° centrifugal			Refined	
	Havana, Cuba <sup>1</sup>	New York, C.I.F. basis <sup>2</sup>	New York, duty paid	New York <sup>3</sup>			Havana, Cuba <sup>1</sup>	New York, C.I.F. basis <sup>2</sup>	New York, duty paid	New York <sup>3</sup>	
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1940.....	1.341	1.886	2.8	4.337	5.2	1945.....	2.907	3.422	3.8	5.390	6.7
1941.....	1.670	2.478	3.4	4.922	5.7	1946.....	3.502	4.610	4.6	6.343	7.7
1942.....	2.492	2.988	3.7	5.448	6.8	1947.....	4.736	5.458	6.2	8.124	9.7
1943.....	2.407	2.990	3.7	5.488	6.8	1948.....	4.174	5.045	5.6	7.606	9.4
1944.....	2.436	2.993	3.7	5.456	6.8	1949 <sup>5</sup> .....	4.496	5.310	5.8	7.820	9.5

<sup>1</sup> Official "Promedio" price converted to the basis of United States pounds.

<sup>2</sup> Starting with 1946 the quotations are on a cost, insurance, and freight basis; prior to 1946 they are on a cost and freight basis. (Insurance approximates .01 cent per pound.)

<sup>3</sup> Includes excise tax of 0.535 cents per pound.

<sup>4</sup> Averages of prices reported by retail dealers as of the 15th of the month in leading cities of the United States.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from following sources: Anuario Azucarera de Cuba (Cuba Sugar Year Book); reports of U. S. Foreign Service officers in Cuba; U. S. Bureau of Labor Statistics wholesale and retail price series; and Lamborn's Sugar Market Report, New York.

TABLE 136.—*Sugar: International trade, average 1935-39, annual 1947-49*

Continent and country	Average 1935-39		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
North America:								
Alaska.....		2,997		3,118				
British Honduras.....		791		287		374		
Canada.....	4,407	498,410	1,148	507,787	713	613,879	1,082	618,030
Costa Rica.....	762	681		0	5,159	22	10,707	1
El Salvador.....	2,861	274	3,537		19,433		<sup>2</sup> 5,613	
Guatemala.....	2,007			3	0		0	3
Honduras.....		4,667		5,183		<sup>2</sup> 4,852		
Mexico.....	1,474	234	182,276	22,000	155,476	0	32,716	0
Miquelon and St. Pierre.....	29	253		226		185		<sup>2</sup> 179
Nicaragua.....	3,330	5		33	2,150	26	5,354	
Panama, Republic of.....		4,087		4,258		124	276	35
United States.....	86,449	3,002,792	245,731	4,190,584	69,571	3,225,502	29,739	3,752,745
United States (Trade with territories).....	3,777	1,817,093	3,671	1,636,492	3,596	1,629,561	1,182	1,928,815
Caribbean:								
Bahamas.....		1,750		941				
Barbados.....	99,882	211	92,357		55,610		141,803	11
Bermuda.....		1,431						
Cuba.....	2,919,150	32	6,154,631		6,521,012		5,391,891	
Curacao (NWI).....		4,158						
Dominican Republic.....	480,078	4	516,882		481,674		436,806	
Guadeloupe.....	53,722	65	31,788		22,022		<sup>2</sup> 38,331	
Haiti.....	34,516	55	28,742		19,387		<sup>2</sup> 14,560	
Jamaica.....	101,114	15	143,227	64	175,485	74	228,585	
Leeward and Windward Islands.....	65,511	2,528	61,333	255	56,390			
Martinique.....	58,353		15,341		15,633		<sup>2</sup> 19,786	
Puerto Rico.....	881,629	39	826,765	6	935,461	2,479	1,157,403	55
Trinidad and Tobago.....	146,496	306	89,664		95,170		155,348	
Virgin Islands of the U. S.....	4,703	0	2,752	263	2,375	1,117	4,332	1,127
Total North America.....	4,950,250	5,342,878	8,399,849	6,371,470	8,636,318	5,478,195	7,675,514	6,301,001
Europe:								
Austria.....	18	4,489		15,432		28,660	930	63,991
Belgium.....	68,586	156,975	7,720	40,314	14,330	143,630	84,010	82,762
Czechoslovakia.....	197,517		107,805		253,116	8,031	275,575	
Denmark.....	14,684	13,080	60,095		84,980		<sup>3</sup> 125,662	
Finland.....		108,098		59,283		101,859		99,651
France.....	240,520	404,292	173,542	95,102	196,419	379,985	165,180	412,337
Germany.....	10,824	11,092	264,552	11,000	159,834	<sup>1</sup> 594,344	275,500	<sup>3</sup> 385,209
Greece.....		79,303		51,057		74,342		78,539
Hungary.....	12,947	22						
Ireland.....		36,929		22,700		47,646		32,439
Italy.....	19,589	27,772		50,905		196,559		<sup>2</sup> 33,754
Netherlands.....	61,815	164,448	45,547	56,574	105,024	243,737	114,514	269,070
Norway.....	0	100,724		85,235		90,737		93,696
Poland and Danzig.....	74,295	18	127,548		236,501		330,690	
Portugal.....	46	75,884	39	111,530	15	90,836		116,941
Spain.....	0	4,55	12,825	7,945		8,784		12,940
Sweden.....	196	8,751	294	59,177		82,762		54,013
Switzerland.....	790	173,774	734	224,400	3,304	218,649	2,202	188,550
United Kingdom.....	378,279	2,457,647	338,800	2,096,968	723,464	2,094,564	704,117	2,465,695
Yugoslavia.....		1,137						
Total Europe (excl. U. S. S. R.).....	1,080,106	3,820,490	1,139,501	2,996,622	1,776,987	4,405,125	2,078,380	4,389,587
Asia:								
Aden.....	12,902	16,998						
Cyprus.....		3,763						
Iran.....		89,038	0	81,803		146,111	0	189,596
Iraq.....	251	44,566		31,650		94,597		52,741
Lebanon and Syria.....	375	34,897	6	<sup>2</sup> 43,858	10	39,875		40,761
Palestine.....		29,059		<sup>6</sup> 30,864		<sup>6</sup> 33,069		
Turkey.....		27,793	143	0	0	53,841		17,000
British Malaya.....	18,882	149,022	10,234	90,184	16,812	156,277		164,246
Burma.....		17,517		3,361		5,576		
Ceylon.....		83,327		109,952		116,816		141,008
China.....	572	199,808	6,595	13,132		<sup>1</sup> 1,753		
Manchuria and Jehol.....	45	202,867		0		0		
French Indochina.....	<sup>4</sup> 2,230	<sup>4</sup> 1,322	0	11,012	0	<sup>2</sup> 12,399	0	<sup>2</sup> 12,093
India.....	43,744	126,184	5,556	11	12,025	4,484	0	0
Japan.....	183,316	<sup>1</sup> 1,155,472		101,785		670,360		195,245

See footnotes at end of table.

TABLE 136.—*Sugar: International trade, average 1935-39, annual 1947-49*  
—Continued

Continent and country	Average 1935-39		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Asia (cont'd):	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Formosa.....	1, 103, 118	3, 143			220, 460		339, 645	
Netherlands Indies.....	1, 212, 860	1, 896	1, 884	2, 524	70, 461	12, 292	45, 857	
Philippine Islands.....	888, 475	146	20, 778	534	238, 946	6, 512	483, 362	392
Siam (Thailand).....	19	40, 644		800		6, 7 16, 535		2 11, 000
Total Asia (excl. U. S. S. R.)	3, 466, 749	2, 227, 462	45, 190	521, 470	558, 714	1, 370, 497	868, 864	824, 082
South America:								
Argentina.....	9, 032	926		13, 228	0	0	0	0
Bolivia.....		35, 156		21, 685	5	37, 866		34, 150
Brazil.....	51, 449	1	68, 554		399, 312		45, 220	
British Guiana.....	200, 437	55	207, 320		153, 074		194, 671	
Chile.....	12	141, 035		168, 286		165, 614		175, 682
Colombia.....		12, 509		8, 794	0	9	16, 495	0
Ecuador.....		10, 847	1	368	9	5, 121	0	0
French Guiana and Inini.....		6, 441						
Peru.....	327, 665	494	303, 733		388, 486		314, 631	
Surinam.....	13, 804	268		562	5, 403	668	15	
Uruguay.....		54, 795		58, 828		81, 606		92, 531
Venezuela.....		154		58, 421		40, 785		60, 759
Total South America	602, 399	262, 681	579, 608	330, 172	946, 289	331, 669	570, 932	363, 122
Africa:								
Algeria.....	108	83, 714		86, 420		105, 600		128, 473
Anglo-Egyptian Sudan.....		35, 328		23, 741		63, 804		46, 173
Belgian Congo.....	11, 818		5, 367		9, 374		3, 143	
British East Africa.....	5, 032		24, 104		36, 080	13, 403		2 1, 410
Egypt.....	73, 491	61, 813	12, 719	39, 845	2 28, 845	3 13, 871	0	7 91, 000
French Equatorial Africa and Cameroun.....		851		3, 557		4, 319		2 4, 071
French Morocco.....	11, 107	204, 689	15, 867	116, 156	2 22, 747	144, 940		186, 938
French West Africa and Togo.....		21, 949		31, 266		21, 937		2 23, 785
Madagascar.....	9, 662	1, 561	895	2, 410	131	4, 192	4	2, 743
Mauritius.....	311, 266	0	328, 246		425, 316		440, 920	
Mozambique.....	72, 571	87	53, 743	0	59, 785		55, 387	
Nigeria and Cameroons.....				2, 657		753		
Northern Rhodesia.....		1, 352						
Angola.....	33, 926		38, 761		40, 764		39, 708	
Reunion.....	82, 979	2	78, 529		74, 585		108, 806	
Southern Rhodesia.....	1, 392	11, 055	3, 819	10, 000		15, 024		20, 000
Tunisia.....		38, 588		41, 831		52, 713		2 42, 711
Union of South Africa.....	219, 931	1, 393	10, 000		15, 024		70, 350	
Total Africa.....	833, 283	462, 382	572, 050	357, 883	712, 651	440, 556	718, 318	547, 304
Oceania:								
Australia.....	470, 684	84	58, 710		351, 664	0	2 372, 399	
Fiji.....	156, 175		125, 924		7 150, 000		7 135, 000	
Hawaiian Islands.....	930, 761	741	806, 970	284	691, 725		767, 080	
New Caledonia.....		357		2, 308		667		1, 346
New Zealand.....	1, 283	91, 580	679	92, 865	502	108, 696		7 110, 000
Total Oceania.....	1, 558, 903	92, 762	992, 283	95, 457	1, 193, 891	109, 363	1, 274, 479	111, 346
Total World (excl. U. S. S. R.)	12, 491, 690	12, 208, 655	11, 728, 481	10, 673, 074	13, 824, 850	12, 135, 405	13, 186, 487	12, 536, 442

<sup>1</sup> Includes Newfoundland and Labrador.<sup>2</sup> Less than 12 months.<sup>3</sup> Crop year.<sup>4</sup> Less than 5-year average.<sup>5</sup> Western zone only.<sup>6</sup> Net imports.<sup>7</sup> Estimated.<sup>8</sup> Includes 1,030,593 short tons from Formosa.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 137.—*Sugarcane sirup: Acreage, yield, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-49*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Gallons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Gallons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>1,000 dollars</i>
1929-----	109	180.8	19,711	71.7	14,124	1940-----	100	134.0	13,360	49.5	6,616
1930-----	111	149.6	16,602	57.8	9,594	1941-----	110	169.0	18,638	60.5	11,285
1931-----	111	136.4	15,143	50.3	7,619	1942-----	113	163.0	18,416	72.7	13,396
1932-----	124	148.0	18,349	40.1	7,351	1943-----	126	167.0	21,027	97.3	20,456
1933-----	142	148.7	21,113	45.7	9,656	1944-----	118	169.0	19,897	96.7	19,240
1934-----	151	157.1	23,727	45.8	10,856	1945-----	133	216.0	28,711	93.3	26,797
1935-----	152	161.2	24,509	42.5	10,413	1946-----	120	204.0	24,450	155.0	37,871
1936-----	138	157.0	21,670	42.9	9,300	1947-----	112	181.0	20,270	117.0	23,783
1937-----	143	166.7	23,844	44.5	10,609	1948-----	79	169.0	13,390	98.2	13,151
1938-----	134	153.2	20,524	44.7	9,168	1949-----	69	171.0	11,770	92.4	10,872
1939-----	142	157.0	22,264	43.8	9,752						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 194.

TABLE 138.—*Sugarcane sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage harvested for sirup			Yield per acre			Production			Price		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Gallons</i>	<i>Gallons</i>	<i>Gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
South Carolina-----	4	2	2	118	125	115	414	250	230	106	150	145
Georgia-----	27	20	18	147	180	175	3,984	3,600	3,150	96	95	95
Florida-----	11	11	9	175	180	180	1,912	1,980	1,620	84	80	70
Alabama-----	23	16	14	112	140	130	2,514	2,240	1,820	101	115	110
Mississippi-----	21	17	14	146	170	145	3,082	2,890	2,030	97	105	100
Louisiana-----	31	11	10	262	200	260	8,279	2,200	2,600	<sup>2</sup> 64	<sup>2</sup> 80	<sup>2</sup> 70
Texas-----	4	2	2	133	115	160	505	230	320	118	175	175
United States-----	121	79	69	171	169	171	20,756	13,390	11,770	83.0	98.2	92.4

<sup>1</sup> Preliminary.<sup>2</sup> Season average price.

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TABLE 139.—*Sorgo sirup: Acreage, yield, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-49*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1929.....	143	61.5	8,792	90.2	7,928	1940.....	186	57.4	10,684	58.2	6,219
1930.....	190	51.2	9,727	78.9	7,675	1941.....	176	60.0	10,568	61.5	6,502
1931.....	313	66.1	20,682	43.2	8,930	1942.....	221	62.1	13,728	81.6	11,196
1932.....	354	57.6	20,392	37.9	7,737	1943.....	207	57.3	11,863	125.0	14,855
1933.....	360	59.2	21,326	48.1	10,251	1944.....	187	62.3	11,649	137.0	15,936
1934.....	330	56.3	18,588	50.7	9,423	1945.....	159	61.9	9,850	144.0	14,173
1935.....	285	56.9	16,230	55.0	8,924	1946.....	177	67.4	11,934	213.0	25,381
1936.....	245	52.8	12,936	57.5	7,439	1947.....	161	61.1	9,845	176.0	17,356
1937.....	210	59.4	12,481	56.8	7,095	1948.....	110	69.7	7,665	167.0	12,776
1938.....	197	57.9	11,407	56.0	6,384	1949 <sup>1</sup> .....	90	66.8	6,012	172.0	10,343
1939.....	189	54.0	10,199	58.4	5,958						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1942, table 196.

TABLE 140.—*Sorgo sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage harvested for sirup			Yield per acre			Production			Price		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949
	1,000 acres	1,000 acres	1,000 acres	Gallons	Gallons	Gallons	1,000 gallons	1,000 gallons	1,000 gallons	Cents	Cents	Cents
Indiana.....	2	1	1	79	90	90	158	90	90	134	205	175
Illinois.....	2	1	1	57	55	55	113	55	55	138	200	200
Wisconsin.....	1	1	1	<sup>2</sup> 69	80	95	70	80	95	<sup>2</sup> 171	250	250
Iowa.....	3	2	2	109	168	158	331	336	316	134	200	200
Missouri.....	8	5	4	51	66	65	410	330	260	134	215	200
Kansas.....	2	2	2	43	47	63	72	94	126	113	170	135
Virginia.....	3	2	2	67	90	70	198	180	140	126	215	200
West Virginia.....	2	2	2	69	77	85	166	154	170	132	200	190
North Carolina.....	12	10	10	68	68	72	801	680	720	120	190	190
South Carolina.....	11	7	5	50	60	46	541	420	230	100	165	170
Georgia.....	18	11	10	55	60	59	1,017	660	590	116	160	180
Kentucky.....	13	7	7	66	73	78	857	511	546	122	180	185
Tennessee.....	17	9	8	63	75	70	1,079	675	560	124	195	195
Alabama.....	30	13	10	60	65	63	1,824	845	630	100	135	150
Mississippi.....	24	17	10	71	85	70	1,683	1,445	700	96	125	120
Arkansas.....	18	11	7	49	64	52	907	704	364	113	175	165
Louisiana.....	3	2	2	49	43	45	164	86	90	75	95	100
Oklahoma.....	5	2	2	38	55	45	177	110	90	108	175	170
Texas.....	12	5	4	50	42	60	606	210	240	92	150	150
United States.....	186	110	90	60.1	69.7	66.8	11,173	7,665	6,012	111	167	172

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 141.—Maple sugar and sirup: Trees tapped, production, and season average price received by farmers, 10 States, and United States imports, 1929-49

Year	Trees tapped	Production					Price		Imports for consumption	
		Sugar made <sup>1</sup>	Sirup made <sup>1</sup>	Total product in terms of sugar <sup>2</sup>	Average total product per tree		Per pound of sugar	Per gallon of sirup	Sugar	Sirup <sup>3</sup>
					As sugar <sup>2</sup>	As sirup <sup>2</sup>				
	<i>1,000 trees</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>Pounds</i>	<i>Gallons</i>	<i>Cents</i>	<i>Dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929.....	12,951	1,362	2,362	20,258	1.56	0.20	30.0	2.03	12,249	181
1930.....	13,158	2,134	3,712	31,830	2.42	.30	30.2	2.03	9,735	1,575
1931.....	12,092	1,342	2,247	19,318	1.60	.20	26.2	1.72	1,629	132
1932.....	12,064	1,277	2,471	21,045	1.74	.22	24.6	1.51	2,628	61
1933.....	12,009	1,051	2,218	18,795	1.57	.20	20.9	1.18	2,974	370
1934.....	12,099	1,044	2,444	20,596	1.70	.21	24.9	1.33	2,976	1,316
1935.....	12,341	1,241	3,432	28,697	2.33	.29	26.7	1.42	1,920	2,469
1936.....	11,500	721	2,401	19,929	1.73	.22	26.8	1.44	6,207	305
1937.....	11,339	779	2,497	20,755	1.83	.23	28.9	1.61	6,050	84
1938.....	11,380	705	2,770	22,865	2.01	.25	28.4	1.61	3,946	39
1939.....	10,313	366	2,515	20,486	1.99	.25	28.7	1.68	9,622	2,646
1940.....	9,957	434	2,597	21,210	2.13	.27	29.5	1.65	4,087	4,660
1941.....	9,785	387	1,997	16,363	1.67	.21	29.2	1.74	4,628	2,328
1942.....	9,847	654	2,915	23,974	2.43	.30	37.5	2.27	7,121	4,791
1943.....	9,281	578	2,555	21,018	2.26	.28	45.3	2.85	4,556	1,184
1944.....	8,681	565	2,568	21,109	2.43	.30	47.4	3.04	3,883	1,798
1945.....	7,336	237	991	8,165	1.11	.14	54.0	3.21	3,959	1,232
1946.....	8,000	372	1,328	10,996	1.37	.17	65.6	3.30	4,207	2,221
1947.....	8,568	305	2,039	16,617	1.94	.24	84.9	5.18	4,064	5,141
1948.....	8,059	229	1,445	11,789	1.46	.18	83.0	4.78	6,239	4,896
1949 <sup>4</sup> .....	7,924	292	1,614	13,204	1.67	.21	80.5	4.43	7,086	4,124

<sup>1</sup> Does not include production on nonfarm lands in Somerset County, Maine.

<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

<sup>3</sup> A gallon of maple sirup weighs about 11 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 198, and for 1916-23 in 1941 book, table 219.

TABLE 142.—Maple sugar and sirup: Trees tapped and production, by States, average 1938-47, annual 1948 and 1949

State	Trees tapped			Sugar made <sup>2</sup>			Sirup made <sup>2</sup>		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 trees	1,000 trees	1,000 trees	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	126	89	90	7	2	3	21	12	12
New Hampshire.....	249	215	219	23	10	11	55	39	41
Vermont.....	3,853	3,290	3,191	239	148	195	912	619	554
Massachusetts.....	190	157	154	22	11	11	52	30	40
New York.....	2,878	2,615	2,563	112	26	28	680	431	538
Pennsylvania.....	412	340	345	33	15	21	111	61	94
Ohio.....	771	521	511	3	0	0	208	111	150
Michigan.....	499	571	542	10	11	16	109	80	110
Wisconsin.....	297	227	277	2	0	0	62	48	59
Maryland.....	38	34	32	10	6	7	17	14	16
10 States.....	9,315	8,059	7,924	460	229	202	2,228	1,445	1,614

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include production on nonfarm lands in Somerset County, Maine.

Bureau of Agricultural Economics.

TABLE 143.—*Edible sirups and molasses: United States production, foreign trade, and indicated domestic consumption, 1929-49*

Year	Production <sup>1</sup>					Imports					Shipments from territories	Total from off-shore		
	Sirups					Edible molas- ses	Honey <sup>4</sup>	Total	Maple sirup	Edible molas- ses			Honey	Honey
	Corn	Cane	Sorgo	Maple <sup>2</sup>	Refin- ers <sup>3</sup>									
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1929..	94,566	18,339	10,676	2,362	4,320	7,852	17,979	156,094	16	2,071	9	209	2,305	
1930..	87,317	19,711	8,792	3,712	3,860	5,201	14,280	142,873	143	7,890	8	170	8,211	
1931..	79,093	16,602	9,727	2,247	3,399	4,855	13,816	129,739	12	7,243	5	223	7,483	
1932..	67,653	15,143	20,682	2,471	3,546	5,168	14,527	129,190	6	8,694	5	216	8,921	
1933..	85,186	18,349	20,392	2,218	3,692	5,462	12,693	147,992	34	10,859	4	205	11,102	
1934..	82,227	21,113	21,326	2,444	3,050	5,301	13,202	148,663	120	17,869	6	200	18,195	
1935..	80,198	23,727	18,588	3,432	2,887	5,512	13,596	147,940	224	12,644	5	153	13,026	
1936..	98,225	24,509	16,230	2,401	2,700	5,526	15,106	164,697	28	17,625	11	190	17,854	
1937..	87,955	21,670	12,936	2,497	2,735	5,228	13,872	146,893	8	10,882	21	182	11,093	
1938..	91,938	23,844	12,481	2,770	2,900	3,880	18,979	156,792	4	10,956	17	190	11,167	
1939..	97,233	20,524	11,407	2,515	3,428	3,882	15,359	154,348	241	11,504	23	198	12,026	
1940..	100,275	22,264	10,199	2,597	2,800	4,891	17,512	160,538	424	12,261	41	189	12,915	
1941..	106,486	13,360	10,684	1,997	2,600	2,706	18,890	156,723	212	11,653	284	154	12,303	
1942..	172,370	18,638	10,568	2,915	6,400	5,400	15,121	231,412	436	7,758	1,706	98	9,998	
1943..	153,175	18,416	13,728	2,555	12,225	7,732	16,159	223,990	108	1,584	3,124	131	4,947	
1944..	154,581	21,027	11,868	2,568	14,996	10,690	16,078	231,808	163	9,184	2,011	101	11,459	
1945..	156,417	19,897	11,649	991	22,020	6,922	19,836	237,732	112	1,871	1,673	132	3,788	
1946..	156,364	28,711	9,850	1,328	18,211	15,181	18,197	247,842	202	622	1,602	95	2,521	
1947..	168,766	24,450	11,934	2,039	10,000	13,589	19,454	250,232	467	650	1,645	90	2,852	
1948..	113,479	20,270	9,845	1,445	4,109	5,147	17,558	171,853	445	4,958	725	58	6,186	
1949 <sup>5</sup>	120,624	13,390	7,665	1,614	3,901	4,016	19,317	170,527	375	8,242	763	60	9,440	

Year	Exports					Indicated domestic consumption							
	Corn sirup	Sirups, including maple <sup>6</sup>	Edible molas- ses	Honey	Total	Sirups					Edible molas- ses	Honey	Total
						Corn	Cane	Sorgo	Maple	Refiners			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1929..	10,087	3,176	8,577	738	22,578	84,479	18,339	10,676	2,378	1,144	1,346	17,459	135,821
1930..	6,111	1,612	10,093	314	18,130	81,206	19,711	8,792	3,855	2,248	2,998	14,144	132,954
1931..	5,297	811	4,285	356	10,749	73,796	16,602	9,727	2,259	2,588	7,813	13,688	126,473
1932..	3,655	525	640	402	5,222	63,998	15,143	20,682	2,477	3,021	13,222	14,346	132,889
1933..	3,771	675	3,193	524	8,163	81,415	18,349	20,392	2,252	3,017	13,128	12,378	150,931
1934..	3,327	518	1,463	166	5,474	78,900	21,113	21,326	2,564	2,532	21,707	13,242	161,384
1935..	2,078	377	401	134	2,990	78,120	23,727	18,588	3,656	2,510	17,755	13,620	157,976
1936..	2,886	284	921	96	4,187	95,339	24,509	16,230	2,429	2,416	22,230	15,211	178,364
1937..	2,362	380	1,072	216	4,030	85,593	21,670	12,936	2,605	2,355	15,038	13,859	153,956
1938..	3,559	407	3,120	293	7,379	88,379	23,844	12,481	2,774	2,493	11,716	18,893	160,580
1939..	4,211	2,378	1,629	218	8,436	93,022	20,524	11,407	2,756	1,050	13,817	15,362	157,938
1940..	7,992	1,179	3,621	286	13,078	92,283	22,264	10,199	3,021	1,621	13,531	17,456	160,375
1941..	2,949	192	6,873	45	10,059	103,537	13,360	10,684	2,309	2,408	7,486	19,283	158,967
1942..	1,445	342	435	29	2,251	170,925	18,638	10,568	3,851	6,058	12,723	16,896	239,159
1943..	595	398	232	5	1,230	152,580	18,416	13,728	2,663	11,827	9,094	19,409	227,707
1944..	934	300	150	15	1,399	153,647	21,027	11,868	2,731	14,696	18,724	18,175	241,868
1945..	1,067	421	1,621	17	3,126	155,350	19,897	11,649	1,103	21,599	7,172	21,624	238,394
1946..	3,779	3,896	959	17	8,651	152,585	28,711	9,850	1,630	14,315	14,844	19,877	241,712
1947..	4,189	342	2,861	110	7,502	164,577	24,450	11,934	2,506	9,658	11,378	21,079	245,582
1948..	3,081	307	8,176	975	12,539	110,398	20,270	9,845	1,890	3,802	1,929	17,366	165,500
1949 <sup>5</sup>	3,942	575	7,836	103	12,456	116,682	13,390	7,665	1,989	3,326	4,422	20,037	167,511

<sup>1</sup> Production of cane sirup, sorgo sirup, and edible molasses is of the fall of the preceding year.<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.<sup>3</sup> From 1929 to 1942 inclusive, figures for odd years (except 1941) are from the Bureau of the Census; for even years (and 1941) quantities are estimated. Data for 1943-49 from the Sugar Branch, United States Department of Agriculture.<sup>4</sup> Data for 1939-49 are official figures of Bureau of Agricultural Economics; previous years' estimates are unofficial. <sup>5</sup> Preliminary. <sup>6</sup> Assumed to be largely refiners' sirup.

Office of Foreign Agricultural Relations.



TABLE 144.—*Package bees: Total pounds of bees, 1948 and 1949, number of queens, and number of packages of bees shipped, by States, 1949, and total shipments 1948*

State	Shipments in 1949								Total shipments in 1948
	Queens	Packages of designated sizes					Other packages	Total	
		2-lb.	3-lb.	4-lb.	5-lb.	Total			
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Georgia.....	66,300	11,391	15,820	1,977	190	29,378	0	79,100	172,000
Alabama.....	148,800	37,564	20,967	1,019	699	60,249	0	145,600	211,000
Mississippi.....	60,800	14,246	9,774	119	250	24,389	60	59,600	120,000
Louisiana.....	134,400	22,455	28,083	1,599	109	52,246	0	136,100	216,000
Texas.....	74,300	20,050	11,309	211	118	31,688	9,139	84,600	93,000
California.....	140,000	59,346	22,176	425	227	82,174	945	189,000	242,000
Other States.....	43,000	10,712	6,874	711	502	18,799	26,400	73,800	110,000
Total, 1949....	667,600	175,764	115,003	6,061	2,095	298,923	36,544	767,800	-----
Total, 1948....	858,800	268,902	175,142	12,638	4,711	461,393	26,660	-----	1,164,000

Bureau of Agricultural Economics.

TABLE 145.—*Honey: Colonies of bees, yield per colony, production of honey and beeswax, average price per pound received by beekeepers, and foreign trade in honey, United States, 1939-49*

Year	Number of colonies	Yield per colony	Production		Price		Honey imports and in-shipments			Honey, domestic exports
			Honey	Beeswax	All honey	Beeswax	Imports for consumption	From Puerto Rico and Hawaii	Total	
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	4,422	40.8	180,474	-----	6.7	-----	271	2,332	2,603	2,561
1940.....	4,350	47.3	205,767	-----	6.1	-----	478	2,220	2,698	3,363
1941.....	4,477	49.6	221,959	3,495	7.2	22.5	3,337	1,807	5,144	530
1942.....	4,893	36.3	177,672	3,344	13.8	40.3	20,049	1,153	21,202	335
1943.....	4,887	38.9	189,867	3,743	16.8	41.4	36,712	1,842	38,554	59
1944.....	5,217	36.2	188,917	3,921	17.7	41.5	23,620	1,191	24,811	177
1945.....	5,460	42.7	233,070	4,543	18.6	41.3	19,482	1,549	21,031	197
1946.....	5,787	36.9	213,814	4,381	24.4	44.4	18,823	1,112	19,935	196
1947.....	5,916	38.6	228,582	4,500	24.9	43.8	19,329	1,048	20,377	1,292
1948.....	6,724	36.0	206,305	4,044	17.9	43.2	8,520	1,763	9,283	11,452
1949 <sup>1</sup> .....	5,591	40.6	226,978	4,151	15.2	37.6	8,963	703	9,666	1,212

<sup>1</sup> Includes only 3 months for Hawaii.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data on exports, imports, and shipments from records of the Department of Commerce.

TABLE 146.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1948 and 1949

State and division	1948				1949			
	Number of colonies	Yield per colony	Production		Number of colonies	Yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	Thousands	Pounds	1,000 pounds	1,000 pounds	Thousands	Pounds	1,000 pounds	1,000 pounds
Maine.....	7	17	119	2	8	18	144	4
New Hampshire.....	4	39	156	3	5	30	150	4
Vermont.....	9	33	297	4	10	33	330	6
Massachusetts.....	24	23	552	14	28	15	420	11
Rhode Island.....	1	21	21	1	1	19	19	( <sup>1</sup> )
Connecticut.....	18	33	594	12	20	19	380	7
New York.....	219	55	12,045	169	219	46	10,074	151
New Jersey.....	31	45	1,395	25	38	31	1,178	24
Pennsylvania.....	174	43	7,482	112	190	32	6,080	103
North Atlantic.....	487	46.5	22,661	342	519	36.2	18,775	310
Ohio.....	321	35	11,235	225	305	32	9,760	234
Indiana.....	172	39	6,708	127	172	36	6,192	118
Illinois.....	216	17	3,672	88	192	28	5,376	129
Michigan.....	173	50	8,650	190	183	53	9,699	165
Wisconsin.....	195	38	7,410	133	195	65	12,075	190
East North Central.....	1,077	35.0	37,675	763	1,047	41.7	43,702	836
Minnesota.....	290	75	21,750	435	284	87	24,708	445
Iowa.....	246	30	7,380	184	209	86	17,974	306
Missouri.....	203	22	4,466	67	183	26	4,758	81
North Dakota.....	21	95	1,995	16	16	65	1,040	21
South Dakota.....	17	115	1,955	27	16	100	1,600	30
Nebraska.....	55	50	2,750	55	44	50	2,200	46
Kansas.....	64	48	3,072	61	63	38	2,394	43
West North Central.....	896	48.4	43,368	857	815	67.1	54,674	972
Delaware.....	3	35	105	3	3	30	90	2
Maryland.....	31	25	775	19	31	35	1,085	21
Virginia.....	154	20	3,080	46	151	21	3,171	51
West Virginia.....	116	18	2,088	29	121	21	2,541	38
North Carolina.....	187	22	4,114	58	189	13	2,457	37
South Carolina.....	66	13	858	18	59	12	708	15
Georgia.....	232	20	4,640	111	216	19	4,104	70
Florida.....	199	41	8,159	139	189	60	11,340	170
South Atlantic.....	988	24.1	23,819	423	959	26.6	25,496	404
Kentucky.....	193	10	1,930	31	164	14	2,296	44
Tennessee.....	185	16	2,960	56	179	16	2,864	74
Alabama.....	202	20	4,040	105	204	18	3,672	95
Mississippi.....	82	18	1,476	32	82	19	1,558	28
Arkansas.....	101	20	2,020	53	106	15	1,590	35
Louisiana.....	96	20	1,920	40	101	20	2,020	32
Oklahoma.....	58	27	1,566	41	58	34	1,972	35
Texas.....	283	21	5,943	119	311	43	13,373	254
South Central.....	1,200	18.2	21,855	477	1,205	24.4	29,345	597
Montana.....	64	122	7,808	141	62	58	3,596	61
Idaho.....	172	35	6,020	138	167	54	9,018	189
Wyoming.....	34	69	2,346	59	29	90	2,610	50
Colorado.....	74	90	6,660	123	73	60	4,380	83
New Mexico.....	20	45	900	16	20	50	1,000	14
Arizona.....	63	53	3,339	47	65	54	3,510	49
Utah.....	52	49	2,548	51	49	48	2,362	49
Nevada.....	14	40	560	12	14	49	686	16
Washington.....	77	28	2,156	54	73	46	3,358	81
Oregon.....	64	32	2,048	45	56	46	2,576	46
California.....	442	51	22,542	496	438	50	21,900	394
Western.....	1,076	52.9	56,927	1,182	1,046	52.6	54,986	1,032
United States.....	5,724	36.0	206,305	4,044	5,691	40.6	226,978	4,151

<sup>1</sup> Less than 500 pounds.

Bureau of Agricultural Economics.

TABLE 147.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1948 and 1949

State and division	Honey prices <sup>1</sup>								Beeswax prices, 1949
	Wholesale, 1949			Retail, 1949			All honey <sup>2</sup>		
	Comb	Ex- tracted	Chunk	Comb	Ex- tracted	Chunk	1948 <sup>3</sup>	1949	
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine.....	35	26	40	40	33	34.2	31.3	40	
New Hampshire.....	34	23	40	40	31	31.6	28.6	40	
Vermont.....	33	21	42	42	27	28.2	25.1	40	
Massachusetts.....	37	26	42	42	32	32.1	29.9	41	
Rhode Island.....	46	24	31	31	29.6	29.2	40		
Connecticut.....	35	23	42	42	31	28.2	29.9	40	
New York.....	29	12	32	32	20	15.1	14.2	40	
New Jersey.....	35	17	37	37	32	28.8	26.2	41	
Pennsylvania.....	26	14	24	31	23	22.1	20.1	42	
North Atlantic.....	27.8	13.1	24.0	32.6	24.8	27.1	19.4	18.0	40.8
Ohio.....	29	12	25	35	21	30	20.5	17.6	38
Indiana.....	28	14	26	31	24	30	20.9	21.1	40
Illinois.....	27	13	24	28	21	27	18.6	18.3	39
Michigan.....	29	11	24	33	19	25	14.8	13.8	39
Wisconsin.....	29	10	31	31	16	24	14.1	12.0	39
East North Central.....	28.6	11.4	24.6	31.7	19.9	28.6	17.8	15.7	38.9
Minnesota.....	27	11	30	30	18	23	16.5	12.2	37
Iowa.....	26	10	21	30	18	25	13.9	11.5	37
Missouri.....	25	11	24	29	20	27	21.3	17.4	37
North Dakota.....	24	9	30	30	19	16.1	10.7	37	
South Dakota.....	24	10	26	26	17	25	19.0	12.0	38
Nebraska.....	25	11	20	27	17	24	14.6	12.8	37
Kansas.....	24	12	22	26	17	23	14.2	14.7	38
West North Central.....	26.0	10.6	21.9	29.4	18.3	26.1	16.4	12.5	37.1
Delaware.....	27	16	24	31	25	28	27.0	24.2	36
Maryland.....	27	16	24	31	26	28	26.7	24.5	36
Virginia.....	29	25	25	34	32	30	31.1	30.0	36
West Virginia.....	31	26	29	36	32	34	36.0	31.9	36
North Carolina.....	31	25	30	33	31	32	31.5	30.9	37
South Carolina.....	30	25	29	32	28	31	28.6	29.5	40
Georgia.....	22	21	24	25	30	23.5	23.7	39	
Florida.....	22	15	19	27	22	24	19.9	16.7	40
South Atlantic.....	29.9	16.8	22.8	33.8	27.4	31.4	26.0	23.1	38.4
Kentucky.....	31	24	29	36	26	35	31.1	31.6	37
Tennessee.....	28	23	26	31	26	29	29.5	26.2	39
Alabama.....	28	22	26	32	25	30	28.6	25.7	39
Mississippi.....	24	18	22	26	23	24	22.7	21.4	39
Arkansas.....	24	14	23	27	21	25	24.0	17.9	39
Louisiana.....	24	10	17	26	18	25	13.1	13.2	40
Oklahoma.....	24	13	22	26	24	25	27.1	21.2	40
Texas.....	20	11	17	24	18	22	13.6	12.3	38
South Central.....	27.6	12.5	24.0	30.6	22.1	30.2	22.6	18.3	38.5
Montana.....	30	12	20	32	16	26	12.4	12.2	36
Idaho.....	27	10	30	30	14	25	12.0	11.7	34
Wyoming.....	30	10	20	34	15	23	11.9	10.7	37
Colorado.....	30	10	17	31	14	20	14.8	12.6	34
New Mexico.....	25	10	30	30	12	24	15.6	10.8	36
Arizona.....	30	9	26	34	13	30	12.6	9.6	35
Utah.....	24	9	14	14	14	14.4	10.0	37	
Nevada.....	24	9	30	17	14.9	11.5	36		
Washington.....	26	11	30	31	17	25	15.9	12.6	36
Oregon.....	28	11	23	31	17	28	16.3	15.0	35
California.....	26	9	34	34	15	12.8	10.4	35	
Western.....	27.3	9.7	18.0	32.4	15.1	22.4	13.2	11.2	35.1
United States.....	28.1	11.3	22.9	32.0	20.3	30.1	17.9	15.2	37.6

<sup>1</sup> Average price for honey sold, all types of containers.<sup>2</sup> Weighted average price of all honey, comb, extracted, and chunk honey, wholesale and retail.<sup>3</sup> Revised.

Bureau of Agricultural Economics.

TABLE 148.—*Honey and beeswax: Average wholesale prices for specified types and locations, 1940-49<sup>1</sup>*

## EXTRACTED HONEY, PER POUND

Item and location	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
California White to Water White Orange: F.o.b. Southern California delivery points <sup>2</sup> -----	5.1	5.1	10.8	12.0	12.3	12.5	19.0	21.0	11.2	10.1
New York City <sup>3</sup> -----	8.5	8.8	14.6	-----	-----	-----	-----	17.0	16.5	14.6
California Light Amber to Extra Light Amber Alfalfa: F.o.b. Imperial Valley points <sup>2</sup> -----	3.6	4.0	9.0	12.0	12.0	12.0	17.0	14.5	8.8	7.5
Intermountain White to Water White Sweet-clover-Alfalfa: F.o.b. Intermountain points <sup>2</sup> -----	4.6	4.8	10.5	12.1	12.3	13.3	19.0	18.0	11.0	9.4
White Clover: F.o.b. New York and North Central States <sup>2</sup> -----	5.1	5.5	11.2	12.1	13.2	14.5	21.0	19.0	11.1	10.0
Northeastern Buckwheat: F.o.b. New York and Pennsylvania points <sup>2</sup> -----	4.9	5.2	10.6	12.0	12.0	12.2	18.5	15.0	10.0	8.5

## COMB HONEY, PER 24-SECTION CASE

	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
White Clover No. 1 and Fancy, wrapped: F.o.b. New York and North Central States <sup>2</sup> -----	2.89	3.06	4.14	5.40	6.25	7.00	7.75	8.75	8.00	7.50

## BEESWAX, PER POUND

	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
"Average yellow" or lighter beeswax—price to beekeepers, f.o.b. shipping point or nearby market:-----										
Southern California.....	19.1	27.1	40.3	41.5	41.5	41.5	44.0	45.4	41.9	37.2
Intermountain Region White Clover Belt (North Central and Northeastern States).....	20.0	26.2	40.5	41.5	41.5	41.6	44.1	45.5	41.6	37.3
	22.9	28.4	41.2	41.5	41.5	41.6	44.7	45.8	41.8	40.0
Weighted average.....	21.0	27.2	40.8	41.5	41.5	41.6	44.3	45.6	41.7	38.4

<sup>1</sup> Simple arithmetical averages of average monthly prices.<sup>2</sup> Price paid beekeepers in large lots, mostly less than carlots.<sup>3</sup> Sales by original receivers to bottlers, confectioners, bakers, or jobbers.<sup>4</sup> Price paid beekeepers or other shippers, mostly in carlots.<sup>5</sup> Price paid beekeepers for large lots, but less than carlots.

Production and Marketing Administration.

TABLE 149.—*Honey: Imports for consumption into the United States, by countries of origin, average 1931-40, annual 1947-49*

Continent and country of origin	Average 1931-40	1947	1948	1949 <sup>1</sup>	Continent and country of origin	Average 1931-40	1947	1948	1949 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:					Europe:				
Cuba.....	78	6,085	3,355	3,659	Greece.....	18	14	( <sup>1</sup> )	2
Mexico.....	26	5,992	2,676	3,028	United Kingdom.....	6	-----	-----	1
Guatemala.....	15	1,046	830	480	Other Europe.....	7	( <sup>1</sup> )	1	5
Dominican Republic.....	25	418	149	373	Asia, total.....	6	( <sup>1</sup> )	-----	( <sup>1</sup> )
Costa Rica.....	22	179	99	9	Oceania, total.....	21	-----	4	3
Haiti.....	21	271	80	90	All others.....	( <sup>3</sup> )	3	-----	-----
El Salvador.....	22	675	431	270	Total imports.....	161	19,329	8,520	8,963
Canada.....	14	6	16	36	Shipments from territories to the United States:				
Nicaragua.....	-----	-----	10	-----	Puerto Rico.....	1,176	323	685	703
Other North America.....	( <sup>2</sup> )	16	-----	1	Hawaii.....	1,110	725	78	-----
South America:					Grand total receipts from offshore.....	2,447	20,377	9,283	9,666
Argentina.....	( <sup>3</sup> )	3,378	830	1,006					
Chile.....	( <sup>3</sup> )	1,149	39	( <sup>1</sup> )					
Surinam (Netherlands Guiana).....	-----	62	-----	-----					
Brazil.....	( <sup>2</sup> )	35	-----	-----					

<sup>1</sup> Preliminary. <sup>2</sup> 10-year average, but imports from this country actually occurred in only a few of the 10 years. For example, a total of 46,000 pounds of honey was imported from Dominican Republic during 1937 and 1940; none during the remaining 8 years. <sup>3</sup> Less than 500 pounds; imports from this area did not occur in all of the 10 years. <sup>4</sup> Less than 500 pounds. <sup>5</sup> Jan.-Mar. only, after which receipts from Hawaii not reported.

Production and Marketing Administration. Compiled from reports of the Department of Commerce.

TABLE 150.—*Beeswax, crude: Imports for consumption into the United States, by countries of origin, average 1931-40, annual 1947-49*

Continent and country of origin	Average 1931-40	1947	1948	1949 <sup>1</sup>	Continent and country of origin	Average 1931-40	1947	1948	1949 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
South America:					Europe:				
Brazil.....	1,150	581	903	761	Portugal.....	503	-----	55	43
Chile.....	275	220	306	172	United Kingdom.....	281	-----	-----	11
Argentina.....	8	-----	11	22	Germany.....	222	-----	-----	-----
French Guiana.....	26	-----	11	-----	France.....	222	-----	-----	-----
Colombia.....	21	2	17	-----	Belgium.....	210	-----	-----	-----
Other South America.....	24	-----	2	8	Netherlands.....	27	-----	45	35
North America:					U.S.S.R. (Russia).....	21	-----	-----	125
Cuba.....	530	606	619	583	Other Europe.....	8	-----	-----	-----
Dominican Republic.....	350	493	391	420	Asia:				
Mexico.....	126	45	109	91	Turkey (Asia).....	-----	54	99	107
Haiti.....	213	140	102	79	Turkey (Asia and Europe).....	246	-----	-----	-----
Guatemala.....	24	59	78	63	Iran (Persia).....	21	6	17	-----
El Salvador.....	21	12	9	7	Other Asia.....	10	-----	18	19
Canada.....	26	-----	3	58	Total imports.....	4,080	3,459	4,637	3,910
Other North America.....	1	1	1	1	Shipments from territories to the United States:				
Africa:					Puerto Rico.....	24	18	16	20
Ethiopia.....	285	630	893	597	Hawaii.....	30	14	8	-----
Egypt.....	304	32	399	150	Grand total off-shore receipts.....	4,134	3,491	4,661	4,930
British East Africa.....	267	6	314	174					
Western Portuguese Africa.....	256	330	115	126					
Anglo-Egyptian Sudan.....	( <sup>3</sup> )	220	35	84					
Belgian Congo.....	25	-----	53	-----					
Madagascar.....	27	-----	-----	-----					
Other French Africa.....	143	-----	4	105					
Union of South Africa.....	23	-----	25	49					
Mozambique.....	23	-----	-----	-----					
Other Africa.....	1	22	3	20					

<sup>1</sup> Preliminary. <sup>2</sup> 10-year average, but imports from this area did not occur in all of the 10 years. <sup>3</sup> Prior to 1942, imports from Egypt and the Sudan were not reported separately. <sup>4</sup> Includes Portuguese Guinea, Angola, and Cape Verde Islands. Most of these imports were from Portuguese Guinea and Angola. <sup>5</sup> Includes Algeria, Tunisia, Cameroon, French West Africa, French Equatorial Guinea, French Morocco, French Somaliland, and Madagascar. <sup>6</sup> Includes Italy, Norway, and Czechoslovakia. <sup>7</sup> Jan.-Mar. only, after which receipts from Hawaii not reported.

Production and Marketing Administration. Compiled from reports of the Department of Commerce.

TABLE 151.—*Tobacco: Acreage, yield, production, value, and foreign trade, United States, 1929-49*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>		
						Domestic exports	Imports <sup>3</sup>	Net exports <sup>4</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929	1,838,365	771.3	1,456,510					
1929	1,980,000	774.1	1,532,676	18.3	280,996	600,181	53,181	541,312
1930	2,124,200	775.8	1,648,037	12.8	210,852	591,035	75,425	517,388
1931	1,988,100	787.2	1,565,088	8.2	128,582	432,361	73,375	359,374
1932	1,404,600	724.8	1,018,011	10.5	107,356	399,966	59,545	341,454
1933	1,739,400	788.8	1,371,965	13.0	178,418	472,630	55,784	416,846
1934	1,237,117	825.7	1,021,419					
1934	1,273,100	851.9	1,084,589	21.3	225,084	374,658	58,270	316,388
1935	1,439,100	904.8	1,302,041	18.4	238,966	432,668	67,895	364,773
1936	1,440,900	807.0	1,162,838	23.6	273,944	416,884	69,309	347,575
1937	1,762,800	895.2	1,569,023	20.4	320,111	459,564	68,021	391,543
1938	1,600,700	865.6	1,385,673	19.6	270,492	473,757	76,085	397,672
1939	1,853,230	917.2	1,699,728					
1939	1,999,700	940.0	1,880,629	15.4	288,889	342,154	80,732	261,422
1940	1,410,200	1,036.0	1,460,441	16.1	234,453	179,627	77,843	101,784
1941	1,306,500	966.0	1,261,839	26.4	333,085	279,008	70,970	208,038
1942	1,377,300	1,023.0	1,408,394	36.9	519,503	281,941	81,412	200,529
1943	1,458,090	964.0	1,406,190	40.5	569,974	336,926	71,240	265,686
1944	1,630,221	1,091.0	1,778,769					
1944	1,751,100	1,116.0	1,954,699	42.0	820,447	445,826	77,023	368,803
1945	1,822,500	1,094.0	1,994,262	42.6	848,926	535,878	76,077	459,801
1946	1,963,400	1,182.0	2,321,596	45.1	1,046,442	592,015	92,408	499,607
1947	1,852,700	1,139.0	2,110,131	43.5	918,633	411,370	74,970	336,400
1948	1,554,600	1,274.0	1,981,272	48.2	955,101	451,091	88,455	362,636
1949 <sup>5</sup>	1,630,300	1,209.0	1,970,376	46.3	912,780			

<sup>1</sup> Production, exports, and imports are not comparable; i.e., production figures are on a farm-sales-weight basis, whereas exports and imports are on a declared-weight basis.

<sup>2</sup> Compiled from reports of the Department of Commerce; includes stems and trimmings.

<sup>3</sup> General imports 1929-32; imports for consumption beginning 1933.

<sup>4</sup> Total exports (domestic plus foreign) minus imports. Beginning 1933 domestic exports minus imports for consumption.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 202.

TABLE 152.—*Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage harvested			Yield per acre			Production			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Massachusetts.....	6,100	8,200	8,300	1,545	1,507	1,597	9,423	12,361	13,259	54.9	102.0	85.5
Connecticut.....	16,890	20,000	19,500	1,335	1,297	1,357	22,555	25,944	26,463	71.6	128.0	113.0
New York.....	900	500	500	1,345	1,300	1,300	1,215	650	650	20.5	28.0	22.0
Pennsylvania.....	34,050	38,900	38,100	1,433	1,560	1,541	48,934	60,699	58,709	20.2	26.3	26.3
Ohio.....	23,540	19,600	20,500	1,036	1,437	1,365	24,165	28,160	27,990	26.4	34.9	38.1
Indiana.....	10,130	9,600	10,500	1,084	1,497	1,269	10,957	14,370	13,328	31.4	43.4	40.9
Wisconsin.....	22,980	19,900	20,100	1,465	1,462	1,535	33,653	29,089	30,846	22.0	22.8	26.4
Minnesota.....	610	500	400	1,210	1,250	1,450	738	625	580	18.8	19.0	20.0
Missouri.....	6,030	5,100	5,200	1,015	1,150	1,150	6,109	5,865	5,980	32.4	47.0	46.2
Kansas.....	320	200	200	984	1,000	1,025	310	200	205	32.2	47.0	45.5
Maryland.....	40,700	46,600	50,000	765	750	820	31,551	34,950	41,000	40.4	54.4	( <sup>3</sup> )
Virginia.....	129,340	113,200	119,500	989	1,270	1,146	128,170	143,790	136,972	32.2	47.5	43.9
West Virginia.....	2,950	2,900	3,200	967	1,375	1,370	2,853	3,988	4,384	33.2	48.8	48.8
North Carolina.....	663,140	604,300	631,800	1,025	1,252	1,182	685,066	756,684	747,082	34.2	49.7	48.1
South Carolina.....	111,900	104,000	111,000	1,035	1,265	1,325	117,124	131,560	147,075	33.0	50.3	49.0
Georgia.....	89,890	82,900	93,000	978	1,155	1,244	88,358	95,763	115,670	30.2	49.6	42.5
Florida.....	21,090	20,100	23,000	908	1,037	1,090	19,045	20,846	25,061	46.2	87.7	71.0
Kentucky.....	361,960	351,200	362,800	1,012	1,329	1,208	368,552	466,853	438,245	31.4	43.8	43.4
Tennessee.....	110,860	106,200	111,900	1,068	1,396	1,218	119,098	148,275	136,277	29.2	43.8	40.4
Alabama.....	390	400	500	810	900	800	312	360	400	28.6	40.0	35.7
Louisiana.....	440	300	300	436	800	667	189	240	200	41.6	60.0	60.0
United States.....	1,654,210	1,554,600	1,630,300	1,033	1,274	1,209	1,718,375	1,981,272	1,970,376	32.8	48.2	46.3

<sup>1</sup> Preliminary.

<sup>2</sup> For prices on a type basis, see tables 153 and 155.

<sup>3</sup> Sales to date (May 1950) insufficient to establish price, evaluated at 1948 crop average price to obtain 1949 farm value in table 151.

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TOBACCO

TABLE 153.—*Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by class and type, average 1938-47, annual 1948 and 1949*

Class and type	Type No.	Acreage harvested			Yield per acre			Production			Price for crop of—		
		Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
<b>Flue-cured:</b>		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Old Belt.....	11	354,400	320,000	332,000	957	1,201	1,077	342,472	384,280	357,540	33.9	49.8	46.6
Eastern North Carolina Belt.....	12	323,000	290,000	304,000	1,067	1,285	1,245	346,606	372,650	378,480	34.6	49.5	48.8
South Carolina Belt.....	13	187,450	175,000	188,000	1,044	1,263	1,294	197,570	221,020	243,325	33.3	50.7	49.2
Georgia-Florida Belt.....	14	107,060	98,800	111,400	961	1,130	1,213	103,277	111,634	135,163	29.6	47.4	40.3
Total.....	11-14	971,910	883,800	935,400	1,011	1,233	1,191	989,925	1,089,584	1,114,508	33.6	49.6	47.2
<b>Fire-cured:</b>													
Virginia.....	21	16,350	11,000	10,700	899	1,145	1,145	14,588	12,595	12,252	20.6	32.8	33.3
Hopkinsville-Clarksville.....	22	48,120	34,800	34,100	977	1,184	1,253	46,338	41,210	42,725	20.0	32.8	30.6
Paducah.....	23	21,450	16,600	15,500	946	1,158	1,097	20,064	19,226	16,996	17.5	29.7	25.1
Henderson Stemming (Ky.).....	24	390	200	100	922	1,050	1,000	347	210	100	16.0	24.4	23.1
Total.....	21-24	86,310	62,600	60,400	954	1,170	1,193	81,337	73,241	72,073	19.4	31.9	29.8
<b>Air-cured (light):</b>													
Burley.....	31	420,230	432,000	453,400	1,048	1,396	1,235	445,005	602,902	580,129	34.1	46.0	45.2
Southern Maryland.....	32	40,700	46,600	50,000	765	750	820	31,551	34,950	41,000	40.4	54.4	( <sup>2</sup> )
Total.....	31-32	460,930	478,600	503,400	1,024	1,333	1,194	476,555	637,852	601,129	34.5	46.5	45.8
<b>Air-cured (dark):</b>													
One Sucker.....	35	20,960	16,200	17,900	1,018	1,205	1,168	21,321	19,525	20,901	16.6	29.6	27.9
Green River (Kentucky).....	36	15,460	10,700	10,200	992	1,160	1,100	15,182	12,412	11,220	17.7	26.5	27.8
Virginia sun-cured.....	37	2,970	3,000	4,000	903	945	955	2,704	2,835	3,820	22.7	32.0	31.4
Total.....	35-37	39,390	29,900	32,100	999	1,163	1,120	39,207	34,772	35,941	17.4	28.7	28.2
<b>Cigar filler:</b>													
Pennsylvania Seedleaf.....	41	33,670	38,400	37,600	1,432	1,560	1,540	48,345	59,904	57,904	20.2	26.3	26.4
Miami Valley (Ohio).....	42-44	9,470	6,800	6,700	1,113	1,600	1,500	10,271	10,880	10,050	18.3	23.0	25.0
Total.....	41-44	<sup>3</sup> 43,280	45,200	44,300	<sup>3</sup> 1,356	1,566	1,534	<sup>3</sup> 58,773	70,784	67,954	<sup>3</sup> 19.7	25.8	26.2



Cigar binder:													
Connecticut Valley Broadleaf.....	51	8,060	9,000	8,800	1,557	1,561	1,581	12,542	14,049	13,911	37.0	60.0	53.0
Connecticut Valley Havana Seed.....	52	7,500	8,600	8,500	1,636	1,681	1,726	12,299	14,458	14,675	38.4	62.3	41.8
New York and Pa. Havana Seed.....	53	1,280	1,000	1,000	1,409	1,445	1,455	1,804	1,445	1,455	20.6	25.0	22.0
Southern Wisconsin.....	54	11,860	8,200	8,500	1,448	1,450	1,500	17,162	11,890	12,750	19.3	22.4	23.0
Northern Wisconsin.....	55	11,730	12,200	12,000	1,468	1,461	1,556	17,229	17,824	18,676	24.3	23.0	28.5
Florida Sun-grown.....	56	400	100		943	700		411	70		25.4	60.0	
Total.....	51-56	41,000	39,100	38,800	1,504	1,528	1,584	61,609	59,736	61,467	28.3	41.2	35.9
Cigar wrapper:													
Connecticut Valley shade-grown.....	61	7,430	10,600	10,500	958	924	1,061	7,138	9,798	11,136	165.0	290.0	250.0
Georgia-Florida shade-grown.....	62	3,520	4,500	5,100	1,039	1,170	1,170	3,642	5,265	5,968	134.0	245.0	210.0
Total.....	61-62	10,950	15,100	15,600	984	998	1,096	10,780	15,063	17,104	154.0	274.0	236.0
Total cigar types.....	41-62	95,230	99,400	98,700	1,376	1,465	1,485	131,162	145,583	146,525	35.3	57.8	54.8
Miscellaneous:													
Louisiana Perique.....	72	440	300	300	436	800	667	189	240	200	41.6	60.0	60.0
United States.....	All	1,654,210	1,554,600	1,630,300	1,033	1,274	1,209	1,718,375	1,981,272	1,970,376	32.8	48.2	46.3

<sup>1</sup> Preliminary.<sup>2</sup> Sales to date (May 1950) insufficient to establish price; evaluated at 1948 crop average price to obtain 1949 farm value in table 151.<sup>3</sup> Includes type 45 through 1939.<sup>4</sup> Includes Georgia sun-grown.

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TABLE 154.—*Tobacco: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1947-49*<sup>1</sup>

Continent and country	Acreage harvested					Yield per acre <sup>3</sup>					Production				
	Average		1947	1948 <sup>3</sup>	1949 <sup>2</sup>	Average		1947	1948 <sup>2</sup>	1949 <sup>2</sup>	Average		1947	1948 <sup>2</sup>	1949 <sup>2</sup>
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	69	75	125	111	110	1,103	1,121	852	1,145	1,264	76,556	84,484	106,688	126,629	138,660
Mexico.....	51	62				840	711				42,226	44,180	50,948	53,472	55,633
United States.....	1,647	1,461	1,853	1,555	1,630	887	1,026	1,139	1,274	1,209	1,460,054	1,498,313	2,110,131	1,981,272	1,970,376
Cuba.....	107	109	111	112	136	474	479	529	476	735	50,833	53,152	59,000	53,310	100,000
Dominican Republic.....			38	54	38			993	810	803	<sup>4</sup> 13,660	22,078	38,581	43,722	30,864
Puerto Rico.....	44	36	30	29	32	673	786	880	880	875	29,393	28,384	26,400	25,500	28,000
Estimated total <sup>5</sup> .....	1,960	1,820	2,265	1,970	2,050						1,710,000	1,750,000	2,410,000	2,300,000	2,340,000
Europe:															
Albania.....	5	<sup>6</sup> 7				826	<sup>6</sup> 724				4,082	<sup>6</sup> 5,186			
Belgium.....	6	<sup>6</sup> 12	6	4	3	2,500	<sup>6</sup> 1,834	2,083	1,571	2,079	16,431	<sup>6</sup> 22,539	13,413	6,314	6,971
Bulgaria <sup>7</sup> .....	94	125				809	691				75,871	86,160		44,000	
Czechoslovakia <sup>7</sup> .....	<sup>6</sup> 24		15	15	14	<sup>6</sup> 1,288		1,054	1,303	1,300	<sup>6</sup> 31,143		16,303	19,863	17,684
France.....	44	36	72	64	75	1,676	1,306	1,598	1,663	1,301	72,995	47,162	115,062	106,597	97,443
Germany <sup>7</sup> .....	33		22	23	25	2,254			1,450	1,900	74,355		32,000	44,000	
Greece <sup>7</sup> .....	226	74	194	177	199	589	562	536	455	576	132,819	41,341	103,923	80,664	114,778
Hungary <sup>7</sup> .....	37	45	41	47	53	1,238	1,009	864	1,076		45,872	45,208	35,274	50,706	
Italy <sup>7</sup> .....	81	94	145	144	135	1,173	990	1,158	1,138	980	95,511	92,764	168,431	164,077	132,461
Poland <sup>7</sup> .....	17		29	36	35	1,664		1,348	1,338		28,566		39,469	47,990	
Rumania <sup>7</sup> .....	44	50	64	69		647	607	542	1,336		28,697	30,505	34,833	37,037	
Spain.....		14	18	22	22		1,226	1,667	1,403	1,325	17,322	17,321	28,536	30,864	29,136
Sweden.....	1	1	1	1	1	1,735	1,683	1,351	1,446	1,459	1,061	1,124	915	979	902
Switzerland.....	1	2	3	2	2	1,571	1,872	1,975	1,582	1,730	2,276	3,744	5,734	3,834	4,189
Yugoslavia <sup>7</sup> .....	39		98			969		550			37,410		54,096	62,000	65,000
Estimated total <sup>5</sup> .....	680	550	775	770	800						675,000	540,000	675,000	700,000	700,000
U. S. S. R.....	<sup>6</sup> 490					<sup>6</sup> 1,129					<sup>6</sup> 525,000				
Asia:															
Iran.....	32	22	49	35	40	1,096	998	807	628	630	34,542	21,958	39,683	22,262	24,912
Iraq.....	<sup>6</sup> 11	14	11	11		<sup>6</sup> 752	717	802	802		<sup>6</sup> 8,057	10,097	8,832	8,818	
Syria <sup>8</sup> .....			15	13	17			655	653	470		<sup>6</sup> 8,285	<sup>6</sup> 10,238	9,676	8,377
Lebanon <sup>8</sup> .....	<sup>6</sup> 13	<sup>6</sup> 16	5	5	5	<sup>6</sup> 699	<sup>6</sup> 629	700	634	495		<sup>6</sup> 8,285	3,609	3,197	2,568
Turkey.....	194	187	320	262	469	661	711	688	622	573	128,505	132,999	220,460	162,986	268,961
Burma.....	108	<sup>6</sup> 91	132	133		990	<sup>6</sup> 977				107,072	<sup>6</sup> 88,676			
China <sup>7</sup> .....	1,228	1,004	1,478	1,529		1,021	943	983	1,042		1,254,539	946,947	1,452,293	1,593,169	
French Indochina.....	<sup>6</sup> 44	<sup>6</sup> 41				<sup>6</sup> 728	<sup>6</sup> 611				<sup>6</sup> 32,004	<sup>6</sup> 25,302			
India.....	<sup>6</sup> 917	865				<sup>6</sup> 831	801				<sup>6</sup> 761,600	692,685			
Pakistan.....	<sup>6</sup> 355	308				<sup>6</sup> 913	858				<sup>6</sup> 324,053	264,552			

Japan	92	107	104	126	124	1,621	1,696	1,232	1,714	1,428	148,680	181,642	127,867	216,051	176,368
Taiwan (Formosa)	4		4	11	10	1,458		1,700	1,150	892	5,961		6,800	12,787	8,818
Korea <sup>7</sup>	46		40	38	49	1,252		785	1,199	1,428	57,304		31,567	45,882	70,024
Java and Madura:															
Estate	<sup>6</sup> 69		15	25	38	<sup>6</sup> 976		450	575	575	<sup>6</sup> 67,672		6,800	14,300	22,000
Native	<sup>6</sup> 349					<sup>6</sup> 402					<sup>6</sup> 140,298				
Sumatra Estate	<sup>6</sup> 31		3	12	13	<sup>6</sup> 988		950	940	925	<sup>6</sup> 30,715		2,900	11,600	12,000
Philippine Republic	176	82	83	96		427	418	458	505		74,811	34,387	38,100	48,325	52,910
Thailand (Siam)	<sup>6</sup> 25		44	40		<sup>6</sup> 688		506	551		<sup>6</sup> 17,179		22,026	22,046	
Estimated total <sup>5</sup>	3,750	3,100	3,730	3,780	3,680						3,250,000	2,600,000	3,170,000	3,370,000	3,070,000
South America:															
Argentina	34	41	42	51	62	928	927	1,125	1,130	900	31,558	37,591	47,400	57,760	56,000
Brazil	237	273	356	368		851	804	729	693		202,703	219,743	259,320	255,171	
Chile	9	7		10	10	1,846	1,778	1,768	1,800	1,643	16,618	13,261	13,016	17,211	15,977
Colombia	<sup>6</sup> 37		39	49		<sup>6</sup> 803		1,120	895		<sup>6</sup> 29,706	35,420	43,695	43,650	34,800
Paraguay	22	14	18	16	19	801	1,076	1,102	1,078	1,080	17,792	14,771	19,826	17,161	20,000
Uruguay	2	1	1			825	973	637			1,254	1,263	669	2,200	
Estimated total <sup>5</sup>	355	390	485	510	525						305,229	330,000	400,000	410,000	410,000
Africa:															
Algeria	56	44	71	51	60	691	614	500	843	675	38,667	27,007	35,551	42,990	40,565
Nyasaland	57					286					16,311	23,451	29,400	25,240	27,424
Madagascar	<sup>6</sup> 19	9	10	7		<sup>6</sup> 764	456	401	590		<sup>6</sup> 14,164	4,060	3,968	4,039	
Northern Rhodesia	<sup>6</sup> 4		14	13	19	<sup>6</sup> 426		364	457	403	<sup>6</sup> 1,635	2,270	5,071	5,980	7,675
Southern Rhodesia	51	74	120	129	163	507	561	649	649	646	26,061	41,270	77,918	83,568	105,209
Tunisia	1	1	2	2	3	1,196	1,053	976	1,117	714	1,202	1,053	1,834	2,566	2,469
Union of South Africa	<sup>6</sup> 41					<sup>6</sup> 500					<sup>6</sup> 20,476	27,944	49,635	45,509	46,000
Estimated total <sup>5</sup>	245	260	385	410	460						125,000	135,000	215,000	220,000	245,000
Oceania:															
Australia	10	7	4	4	5	532	695	646	965	942	5,276	4,992	2,484	3,566	4,476
New Zealand	2	3	4	4	4	787	1,112	1,104	1,138	1,140	1,457	3,082	4,771	5,000	4,500
Estimated total <sup>5</sup>	12	10	8	8	9						6,733	8,074	7,255	8,566	8,976
Estimated world total <sup>5</sup>	7,492	6,380	8,170	7,980	8,050						6,597,000	5,530,000	7,280,000	7,400,000	7,200,000

<sup>1</sup> Year beginning July 1. For North temperate zone countries, harvests July through October of the year shown; for all other countries, harvests November and December of the year shown and January through June of the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> Yields are calculated from detailed acreage and production estimates rather than estimates rounded to the nearest thousand.

<sup>4</sup> Exports: production data not available.

<sup>5</sup> Totals include approximations for countries not listed and for countries listed where data are not available.

<sup>6</sup> Less than a 5-year average.

<sup>7</sup> Data for 1935-39 and 1940-44 not comparable with subsequent years. Data for 1947, 1948, and 1949 are for postwar areas. In the case of Germany, data for 1947, 1948, and 1949 are for Western Germany only. For Korea 1947, 1948, and 1949 data are for South Korea only. In the case of China, postwar data are for all China except Manchuria; 1935-39 and 1940-44 data are for Free China only.

<sup>8</sup> Separate data not available for 1935-39 and 1940-44.

Office of Foreign Agricultural Relations. Official estimates of foreign countries, reports from United States Foreign Service officers, results of office research, and other information.

TABLE 155.—*Tobacco: Acreage, yield per acre, production, stocks, supply, disappearance, and average price to growers, United States, 1945-49 (farm-sales-weight basis)*

## TOTAL FLUE-CURED, TYPES 11-14

Crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1945.....	1,078,700	1,088	1,173,459	1,126,283	2,299,742	1,152,384	486,619	665,765	43.6
1946.....	1,188,800	1,137	1,352,024	1,147,358	2,499,382	1,212,542	551,713	660,829	48.3
1947.....	1,161,200	1,135	1,317,466	1,286,840	2,604,306	1,054,093	359,110	694,983	41.2
1948.....	883,800	1,233	1,089,584	1,550,213	2,639,797	1,101,586	387,160	714,426	49.6
1949 <sup>3</sup> .....	935,400	1,191	1,114,508	1,538,211	2,652,719	-----	-----	-----	47.2

## TOTAL FIRE-CURED, TYPES 21-24

1945.....	61,300	951	58,291	131,840	190,131	85,223	47,619	37,604	31.5
1946.....	91,600	1,189	108,920	104,908	213,828	70,423	34,352	36,071	26.0
1947.....	83,800	1,024	85,850	143,405	229,255	66,685	30,292	36,393	29.5
1948.....	62,600	1,170	73,241	162,570	235,811	78,627	43,246	35,381	31.9
1949 <sup>3</sup> .....	60,400	1,193	72,073	157,184	229,257	-----	-----	-----	29.8

## VIRGINIA FIRE-CURED, TYPE 21

1945.....	14,000	840	11,760	24,031	35,791	18,209	8,629	9,580	31.5
1946.....	15,600	1,109	17,160	17,582	34,742	12,013	8,630	3,383	28.8
1947.....	14,300	975	13,942	22,729	36,671	14,499	9,689	4,810	29.0
1948.....	11,000	1,145	12,595	22,172	34,767	12,988	7,095	5,893	32.8
1949 <sup>3</sup> .....	10,700	1,145	12,252	21,779	34,031	-----	-----	-----	33.3

## KENTUCKY AND TENNESSEE FIRE-CURED, TYPES 22-24

1945.....	47,300	984	46,531	107,809	154,340	67,014	38,990	28,024	31.6
1946.....	76,000	1,207	91,760	87,326	179,086	58,410	25,722	32,688	25.4
1947.....	69,500	1,035	71,908	120,676	192,584	52,186	20,603	31,583	29.6
1948.....	51,600	1,175	60,646	140,398	201,044	65,639	36,151	29,488	31.8
1949 <sup>3</sup> .....	49,700	1,204	59,821	135,405	195,226	-----	-----	-----	29.1

## BURLEY, TYPE 31

1945.....	512,300	1,127	577,156	759,033	1,336,189	482,904	35,273	447,631	39.4
1946.....	489,000	1,256	614,004	853,285	1,467,289	526,470	49,861	476,609	39.7
1947.....	420,500	1,153	484,704	940,819	1,425,523	523,244	27,513	495,731	48.5
1948.....	432,000	1,396	602,902	902,279	1,605,181	530,857	41,887	488,970	46.0
1949 <sup>3</sup> .....	453,400	1,235	560,129	974,324	1,534,453	-----	-----	-----	45.2

## MARYLAND, TYPE 32

1945.....	35,000	525	18,375	52,227	70,602	30,310	6,068	24,242	57.0
1946.....	50,000	926	46,250	40,292	86,542	34,003	5,683	28,320	44.5
1947.....	47,500	795	37,762	52,539	90,301	34,313	7,226	26,987	42.8
1948.....	46,600	750	34,950	55,988	90,938	36,942	9,394	27,548	54.4
1949 <sup>3</sup> .....	50,000	820	41,000	53,996	94,996	-----	-----	-----	-----

## TOTAL DARK AIR-CURED, TYPES 35-37

1945.....	44,100	988	43,560	60,429	103,989	43,544	13,057	30,487	25.2
1946.....	40,800	1,215	49,558	60,445	110,003	37,331	7,582	29,749	22.5
1947.....	35,300	1,054	37,195	72,672	109,867	32,681	6,375	26,306	25.8
1948.....	29,900	1,163	34,772	77,186	111,958	37,830	14,788	23,042	28.7
1949 <sup>3</sup> .....	32,100	1,120	35,941	74,128	110,069	-----	-----	-----	28.2

## ONE SUCKER, TYPE 35

1945.....	26,700	1,001	26,720	30,680	57,400	24,558	9,473	15,085	24.7
1946.....	23,000	1,241	28,645	32,842	61,387	21,255	5,556	15,699	22.3
1947.....	19,200	1,688	20,885	40,132	61,017	19,436	5,259	14,177	25.7
1948.....	16,200	1,205	19,525	41,681	61,106	22,285	10,918	11,367	29.6
1949 <sup>3</sup> .....	17,900	1,168	20,901	38,821	59,722	-----	-----	-----	27.9

See footnotes at end of table.

TABLE 155.—*Tobacco: Acreage, yield per acre, production, stocks, supply, disappearance, and average price to growers, United States, 1945-49 (farm-sales-weight basis)*—Continued

## GREEN RIVER, TYPE 36

Crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1945.....	14,600	1,000	14,600	26,374	40,974	16,190	3,584	12,606	24.8
1946.....	14,000	1,220	17,080	24,784	41,864	13,229	2,026	11,203	22.6
1947.....	13,500	1,030	13,905	28,635	42,540	10,177	1,116	9,061	25.4
1948.....	10,700	1,160	12,412	32,363	44,775	12,652	3,870	8,782	26.5
1949 <sup>3</sup> .....	10,200	1,100	11,220	32,123	43,343	-----	-----	-----	27.8

## VIRGINIA SUN-CURED, TYPE 37

1945.....	2,800	800	2,240	3,375	5,615	2,796	0	2,796	33.8
1946.....	3,800	1,035	3,933	2,819	6,752	2,847	0	2,847	24.2
1947.....	2,600	925	2,405	3,905	6,310	3,068	0	3,068	28.6
1948.....	3,000	945	2,835	3,242	6,077	2,893	0	2,893	32.0
1949 <sup>3</sup> .....	4,000	955	3,820	3,184	7,004	-----	-----	-----	31.4

## TOTAL CONTINENTAL CIGAR FILLER, TYPES 41-44

1945.....	39,000	1,281	49,940	142,898	192,838	64,086	3,378	60,708	34.0
1946.....	42,800	1,504	64,376	128,752	193,128	70,941	2,799	68,142	32.8
1947.....	44,200	1,429	63,160	122,187	185,347	61,646	3,648	57,998	30.6
1948.....	45,200	1,566	70,784	123,701	194,485	62,618	700	61,918	25.8
1949 <sup>3</sup> .....	44,300	1,534	67,954	131,867	199,821	-----	-----	-----	26.2

## PENNSYLVANIA SEEDLEAF FILLER, TYPE 41

1945.....	35,200	1,300	45,760	108,733	154,493	53,270	-----	-----	34.0
1946.....	37,300	1,560	58,188	101,223	159,411	60,940	-----	-----	32.5
1947.....	38,000	1,450	55,100	98,471	153,571	53,756	-----	-----	30.5
1948.....	38,400	1,560	59,904	99,815	159,719	53,747	-----	-----	26.3
1949 <sup>3</sup> .....	37,600	1,540	57,904	105,972	163,876	-----	-----	-----	26.4

## MIAMI VALLEY (OHIO) FILLER, TYPES 42-44

1945.....	3,800	1,100	4,180	34,165	38,345	10,816	-----	-----	34.0
1946.....	5,500	1,125	6,188	27,629	33,717	10,001	-----	-----	36.0
1947.....	6,200	1,300	8,060	23,716	31,776	7,890	-----	-----	31.0
1948.....	6,800	1,600	10,880	23,886	34,766	8,871	-----	-----	23.0
1949 <sup>3</sup> .....	6,700	1,500	10,050	25,895	35,945	-----	-----	-----	26.0

PUERTO RICAN FILLER, TYPE 46 <sup>4</sup>

1945.....	36,000	889	32,000	75,343	107,343	29,045	-----	-----	36.0
1946.....	26,038	884	23,018	78,298	101,316	27,310	-----	-----	25.0
1947.....	32,000	816	26,105	74,006	100,111	32,088	-----	-----	27.5
1948.....	32,500	831	27,000	68,023	95,023	41,858	8,900	32,958	27.0
1949 <sup>3</sup> .....	36,000	694	25,000	53,165	78,165	-----	-----	-----	23.0

## TOTAL CIGAR BINDER, TYPES 51-56

1945.....	40,600	1,529	62,075	102,298	164,373	60,837	3,378	57,459	47.7
1946.....	47,600	1,551	73,813	103,536	177,349	53,659	2,798	50,861	52.7
1947.....	46,000	1,527	70,255	123,690	193,945	68,146	3,649	64,497	43.4
1948.....	39,100	1,628	59,736	125,799	185,535	62,187	11,100	51,087	41.2
1949 <sup>3</sup> .....	38,800	1,584	61,467	123,348	184,815	-----	-----	-----	35.9

## CONNECTICUT VALLEY BROADLEAF, TYPE 51

1945.....	8,200	1,618	13,270	23,511	36,781	12,521	-----	-----	60.0
1946.....	9,400	1,700	15,978	24,260	40,238	11,647	-----	-----	74.0
1947.....	10,000	1,502	15,015	28,591	43,606	13,259	-----	-----	51.0
1948.....	9,000	1,561	14,049	30,347	44,396	17,850	-----	-----	60.0
1949 <sup>3</sup> .....	8,800	1,581	13,911	26,546	40,457	-----	-----	-----	53.0

See footnotes at end of table.

TABLE 155.—*Tobacco: Acreage, yield per acre, production, stocks, supply, disappearance, and average price to growers, United States, 1945-49 (farm-sales-weight basis)*—Continued

CONNECTICUT VALLEY HAVANA SEED, TYPE 52									
Crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1945.....	6,700	1,516	10,160	18,796	28,956	12,959	-----	-----	56.3
1946.....	7,600	1,710	12,999	15,997	28,996	12,503	-----	-----	69.0
1947.....	8,800	1,695	14,920	16,493	31,413	12,070	-----	-----	73.1
1948.....	8,600	1,681	14,458	19,343	33,801	13,981	-----	-----	62.3
1949 <sup>3</sup> .....	8,500	1,726	14,675	19,820	34,495	-----	-----	-----	41.8
NEW YORK AND PENNSYLVANIA HAVANA SEED, TYPE 53									
1945.....	1,100	1,386	1,525	3,239	4,764	2,722	-----	-----	36.0
1946.....	1,400	1,440	2,016	2,042	4,058	1,317	-----	-----	39.9
1947.....	1,400	1,414	1,980	2,741	4,721	2,213	-----	-----	28.3
1948.....	1,000	1,445	1,445	2,508	3,953	2,246	-----	-----	25.0
1949 <sup>3</sup> .....	1,000	1,455	1,455	1,707	3,162	-----	-----	-----	22.0
SOUTHERN WISCONSIN, TYPE 54									
1945.....	12,100	1,540	18,634	27,499	46,133	13,463	-----	-----	37.7
1946.....	14,300	1,450	20,755	32,670	53,405	15,470	-----	-----	34.7
1947.....	11,000	1,500	16,500	37,935	54,435	17,221	-----	-----	22.3
1948.....	8,200	1,450	11,890	37,214	49,104	9,291	-----	-----	22.4
1949 <sup>3</sup> .....	8,500	1,500	12,750	39,813	52,563	-----	-----	-----	23.0
NORTHERN WISCONSIN, TYPE 55									
1945.....	12,300	1,488	18,300	28,953	47,253	18,847	-----	-----	45.4
1946.....	14,700	1,488	21,875	28,406	50,281	12,651	-----	-----	45.5
1947.....	14,500	1,492	21,630	37,630	59,260	23,085	-----	-----	34.9
1948.....	12,200	1,461	17,824	36,175	53,999	18,794	-----	-----	23.0
1949 <sup>3</sup> .....	12,000	1,556	18,676	35,205	53,881	-----	-----	-----	28.5
GEORGIA-FLORIDA SUN-GROWN, TYPE 56									
1945.....	200	930	186	300	486	325	-----	-----	33.0
1946.....	200	1,050	210	161	371	71	-----	-----	55.0
1947.....	300	700	210	300	510	298	-----	-----	47.0
1948.....	100	700	70	212	282	25	-----	-----	60.0
1949 <sup>3</sup> .....	-----	-----	-----	257	257	-----	-----	-----	-----
TOTAL CIGAR WRAPPER, TYPES 61-62									
1945.....	11,200	1,001	11,214	14,688	25,902	12,279	-----	-----	197.3
1946.....	12,500	1,000	12,501	13,623	26,124	12,751	-----	-----	234.0
1947.....	13,600	992	13,490	13,373	26,863	12,332	-----	-----	296.0
1948.....	15,100	998	15,063	14,531	29,594	13,000	2,500	10,500	274.0
1949 <sup>3</sup> .....	15,600	1,096	17,104	16,594	33,698	14,258	-----	-----	236.0
CONNECTICUT VALLEY SHADE-GROWN, TYPE 61									
1945.....	8,100	935	7,572	10,150	17,722	7,600	-----	-----	220.0
1946.....	8,800	1,003	8,824	10,122	18,946	8,818	-----	-----	240.0
1947.....	9,500	975	9,262	10,128	19,390	8,682	-----	-----	310.0
1948.....	10,600	924	9,798	10,708	20,506	8,413	-----	-----	290.0
1949 <sup>3</sup> .....	10,500	1,061	11,136	12,093	23,229	9,658	-----	-----	250.0
GEORGIA-FLORIDA SHADE-GROWN, TYPE 62									
1945.....	3,100	1,175	3,642	4,538	8,180	4,679	-----	-----	150.0
1946.....	3,700	994	3,677	3,501	7,178	3,933	-----	-----	220.0
1947.....	4,100	1,031	4,228	3,245	7,473	3,650	-----	-----	265.0
1948.....	4,500	1,170	5,265	3,823	9,088	4,587	-----	-----	245.0
1949 <sup>3</sup> .....	5,100	1,170	5,968	4,501	10,469	4,600	-----	-----	210.0

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 56, 61 and 62; Oct. 1 for all other types.<sup>2</sup> Farm-sales weight of exports is subject to revision. Exports by rehandling trade included in totals of types from which they are made. Cigar leaf exports are assumed to be half filler and half binder, until 1948 when estimates were based on more specific information.<sup>3</sup> Preliminary.<sup>4</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

Bureau of Agricultural Economics and Production and Marketing Administration. Basic export data from the official reports of the Department of Commerce. Data for Puerto Rico from "Basic Statistics on Puerto Rico," Office of Puerto Rico.

TABLE 156.—*Tobacco: Stocks owned by dealers and manufacturers, United States, 1946-50<sup>1</sup> (farm-sales-weight basis)*

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Flue-cured, types 11-14:					Ohio (Miami Valley), types 42-44:				
1946.....	1,764,302	1,487,120	1,147,358	1,495,211	1946.....	30,783	33,884	30,526	27,529
1947.....	1,729,701	1,541,543	1,286,840	1,639,630	1947.....	25,319	27,119	25,765	23,716
1948.....	1,973,218	1,804,336	1,550,213	1,874,264	1948.....	22,645	28,606	26,018	23,886
1949.....	2,023,160	1,767,483	1,538,211	1,940,936	1949.....	22,345	31,416	28,201	25,895
1950.....	1,992,703	1,754,028			1950.....	23,539	31,191		
Virginia fire- cured, type 21:					Puerto Rican, type 46: <sup>2</sup>				
1946.....	22,980	25,838	21,186	19,220	1946.....	68,098	67,050	85,543	78,298
1947.....	17,471	28,158	25,762	22,729	1947.....	70,596	76,420	81,267	74,006
1948.....	20,965	29,983	25,886	22,172	1948.....	65,557	67,622	75,970	68,023
1949.....	24,422	28,187	25,247	21,779	1949.....	57,479	56,439	62,880	53,165
1950.....	22,985	28,924			1950.....	44,353	52,402		
Kentucky and Tennessee fire-cured, type 22:					Connecticut Valley Broadleaf, type 51:				
1946.....	71,365	86,557	78,737	66,941	1946.....	28,079	31,092	26,547	24,260
1947.....	55,971	96,068	96,762	86,317	1947.....	27,514	32,069	31,571	28,591
1948.....	78,014	116,422	108,426	97,795	1948.....	27,582	34,616	33,624	30,347
1949.....	87,716	119,571	103,553	91,438	1949.....	28,881	33,718	30,822	26,546
1950.....	83,394	115,424			1950.....	26,601	32,414		
Kentucky and Tennessee fire-cured, type 23:					Connecticut Valley Havana seed, type 52:				
1946.....	20,311	29,117	24,065	18,822	1946.....	24,836	22,383	19,857	15,997
1947.....	16,520	37,984	38,343	34,192	1947.....	21,376	23,106	19,775	16,493
1948.....	31,802	48,700	45,891	42,260	1948.....	24,534	24,359	21,694	19,343
1949.....	39,284	53,712	48,430	43,671	1949.....	21,960	26,318	22,956	19,820
1950.....	41,213	53,879			1950.....	23,986	28,106		
Henderson fire- cured, type 24:					New York and Pennsylvania Havana seed, type 53:				
1946.....	91	78	86	94	1946.....	2,963	3,105	2,413	2,042
1947.....	123	164	169	167	1947.....	1,145	3,095	2,862	2,741
1948.....	207	280	313	343	1948.....	2,545	2,193	3,160	2,508
1949.....	285	335	305	296	1949.....	2,211	2,117	2,070	1,707
1950.....	312	362			1950.....	1,482	1,933		
Burley, type 31:					Southern Wisconsin, type 54:				
1946.....	857,064	1,100,207	982,892	853,285	1946.....	26,996	41,951	37,057	32,670
1947.....	920,698	1,206,320	1,090,898	940,819	1947.....	27,885	35,046	40,531	37,935
1948.....	1,095,779	1,174,111	1,046,330	902,279	1948.....	35,392	46,784	42,158	37,214
1949.....	1,111,514	1,246,055	1,115,724	974,324	1949.....	35,495	45,860	42,937	39,813
1950.....	1,139,960	1,283,391			1950.....	36,019	45,494		
Maryland, type 32:					Northern Wisconsin, type 55:				
1946.....	46,544	39,153	37,722	40,292	1946.....	25,801	37,820	32,022	28,406
1947.....	32,382	25,811	35,070	52,539	1947.....	23,651	40,446	41,179	37,630
1948.....	44,786	37,427	47,300	55,988	1948.....	34,220	43,273	41,074	36,175
1949.....	46,886	38,418	51,236	53,986	1949.....	32,568	42,516	40,363	35,205
1950.....	45,547	38,092			1950.....	34,551	47,691		
One Sucker, type 35:					Georgia and Florida sun- grown, type 56:				
1946.....	30,322	44,397	41,027	32,842	1946.....	306	186	161	324
1947.....	36,948	52,286	46,017	40,132	1947.....	295	360	300	435
1948.....	43,248	50,505	46,223	41,581	1948.....	229	314	212	239
1949.....	42,954	51,289	44,114	38,821	1949.....	180	160	143	257
1950.....	37,912	50,332			1950.....	180	119		
Green River, type 36:					Connecticut shade-grown, type 61:				
1946.....	26,317	32,316	27,405	24,784	1946.....	14,343	12,545	10,122	10,410
1947.....	29,601	33,726	31,322	28,635	1947.....	14,884	12,294	10,128	11,957
1948.....	31,928	36,387	34,502	32,363	1948.....	16,932	13,603	10,708	12,186
1949.....	33,797	38,183	33,807	32,123	1949.....	16,198	13,892	12,093	13,330
1950.....	33,556	39,240			1950.....	17,874	15,601		
Virginia sun- cured, type 37:					Georgia and Florida shade-grown type 62:				
1946.....	3,582	4,337	3,570	2,819	1946.....	6,807	5,438	3,501	6,335
1947.....	2,635	4,945	4,679	3,905	1947.....	5,542	4,233	3,245	6,361
1948.....	3,467	4,372	3,932	3,242	1948.....	6,031	4,681	3,823	7,830
1949.....	3,517	4,375	3,943	3,184	1949.....	7,293	6,158	4,501	8,586
1950.....	3,328	4,494			1950.....	8,211	6,842		
Pennsylvania Seed-leaf, type 41:									
1946.....	94,674	121,491	117,720	101,223					
1947.....	84,971	118,137	113,772	98,471					
1948.....	82,640	85,968	119,982	99,815					
1949.....	82,468	86,358	120,530	105,972					
1950.....	99,467	140,510							

See footnotes at end of table.

TABLE 156.—*Tobacco: Stocks owned by dealers and manufacturers, United States, 1946-50*<sup>1</sup> (farm-sales-weight basis)—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Perique, type 72:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cuban, type 81: <sup>3</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1946.....	821	857	785	796	1946.....	28,760	25,899	24,182	24,673
1947.....	838	776	681	664	1947.....	34,822	35,958	34,090	30,889
1948.....	730	803	712	892	1948.....	30,744	28,027	26,540	24,164
1949.....	831	978	903	783	1949.....	22,919	21,839	21,911	19,583
1950.....	786	916	-----	-----	1950.....	18,853	18,395	-----	-----

<sup>1</sup> Stocks as here shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by growers—thereby making these figures of leaf-tobacco stocks comparable with figures of leaf-tobacco production.

<sup>2</sup> Stocks on the Island of Puerto Rico are included.

<sup>3</sup> Stocks of Cuban tobacco, type 81, are not converted to a farm-sales weight but are shown on an unstemmed weight basis. Stemmed stocks reported have been converted to an unstemmed equivalent. A factor for converting to farm-sales weight has not been determined.

Production and Marketing Administration. Data for 1939-45 in Agricultural Statistics, 1946, table 155.

TABLE 157.—*Tobacco: Leaf used in the manufacture of cigars, cigarettes, and tobacco and snuff, United States, 1940-49*<sup>1</sup>

Year	In cigars		In cigarettes		In smoking and chewing tobacco and snuff	Total
	Large <sup>2</sup>	Small	Large	Small		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	126,309	526	14	535,204	260,063	922,716
1941.....	135,494	572	10	626,832	246,177	1,009,085
1942.....	140,154	525	15	754,535	235,836	1,131,065
1943.....	151,402	494	42	890,416	236,349	1,228,703
1944.....	129,399	483	273	920,145	204,241	1,254,541
1945.....	128,012	378	784	943,502	218,500	1,291,176
1946.....	137,166	373	9	1,000,929	168,190	1,306,667
1947.....	135,028	310	3	1,055,591	164,185	1,355,117
1948.....	139,466	357	3	1,099,173	161,092	1,400,091
1949 <sup>3</sup> .....	138,000	330	4	1,094,000	159,000	1,391,334

<sup>1</sup> The quantities given are unstemmed equivalent of all kinds of tobacco used. Stemmed leaf and scrap, etc., used in manufacturing have been converted to unstemmed equivalent at the ratio of 3 pounds stemmed to 4 pounds unstemmed.

<sup>2</sup> Does not include tobacco used in bonded manufacturing warehouses.

<sup>3</sup> Preliminary.

Production and Marketing Administration. Compiled from annual reports of the Commissioner of Internal Revenue, Treasury Department. Data for 1949 are estimates of the Production and Marketing Administration.



TABLE 158.—*Tobacco products: Average wholesale price, United States, 1940-49<sup>1</sup>*

Year	Cigarettes, per 1,000 <sup>2</sup>	Cigars per 1,000 <sup>3</sup>		Plug tobacco, per pound, New York	Smoking tobacco, per dozen 2-ounce packages, destination	Dry sweet snuff, per half-gross 1½-ounce packages, destination
		Popular brands	Medium- priced brands			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940.....	5.638	34.321	64.606	0.642	1.297	4.502
1941.....	5.760	34.321	64.606	.642	1.284	4.589
1942.....	5.802	34.422	66.919	.642	1.297	4.768
1943.....	6.006	41.709	73.405	.642	1.261	4.768
1944.....	6.008	42.178	74.517	.656	1.261	4.768
1945.....	6.006	48.245	82.626	.770	1.285	4.768
1946.....	6.234	55.206	85.521	.782	1.362	4.983
1947.....	6.509	60.892	89.177	.834	1.441	5.715
1948.....	6.658	60.831	89.660	.834	1.452	7.275
1949.....	6.862	62.635	89.792	.834	1.472	7.303

<sup>1</sup> Simple average of weekly prices, usually the Tuesday quotation. All prices include the internal-revenue tax.

<sup>2</sup> Composite price of three price series, f.o.b. destination. <sup>3</sup> Composite price, f.o.b. destination.

<sup>4</sup> Estimated.

Bureau of Agricultural Economics. Compiled from official records of the Bureau of Labor Statistics, Department of Labor.

TABLE 159.—*Farm-to-retail price spreads and marketing charges for 4 tobacco products, 1929-49<sup>1</sup>*

Year	Composite retail value <sup>2</sup>	Farm value of 1 pound of equivalent leaf tobacco <sup>3</sup>	Margin	Federal and State revenue taxes and processing tax <sup>4</sup>	Marketing charges (excluding taxes) <sup>5</sup>	Farmer's share of consumer's dollar
	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
1929.....	1.94	0.210	1.73	0.59	1.14	10.8
1930.....	1.88	.225	1.66	.59	1.07	11.2
1931.....	1.83	.210	1.62	.59	1.03	11.5
1932.....	1.84	.167	1.67	.60	1.07	9.1
1933.....	1.61	6.116	1.49	.61	.88	8.7
1934.....	1.75	6.104	1.65	.64	1.01	8.9
1935.....	1.73	6.123	1.61	.65	.96	8.7
1936.....	1.71	.172	1.54	.62	.92	10.1
1937.....	1.78	.203	1.58	.62	.96	11.4
1938.....	1.78	.226	1.55	.62	.93	12.7
1939.....	1.79	.235	1.55	.64	.91	13.1
1935-39 average.....	1.76	.192	1.57	.63	.94	10.9
1940.....	1.83	.204	1.63	.70	.93	11.1
1941.....	1.86	.181	1.68	.71	.97	9.7
1942.....	1.92	.166	1.75	.72	1.03	8.6
1943.....	2.03	.221	1.81	.77	1.04	10.9
1944.....	2.08	.325	1.76	.78	.98	15.6
1945.....	2.16	.394	1.77	.77	1.00	18.2
1946.....	2.27	.418	1.85	.78	1.07	18.4
1947.....	2.45	.430	2.02	.80	1.22	17.6
1948.....	2.57	.449	2.12	.84	1.28	17.5
1949.....	2.66	.462	2.20	.87	1.31	17.4

<sup>1</sup> The 4 products are weighted by relative tax-paid withdrawals in 1935-39, converted to farm-sales weight of leaf tobacco. Percentage weights based on pounds of equivalent leaf are: Cigarettes, 53.2; cigars, 15.6; smoking tobacco, 22.6; and plug chewing tobacco, 8.6.

<sup>2</sup> Retail prices of the Bureau of Labor Statistics, multiplied by quantities of products derived from 1 pound of tobacco, farm-sales weight, and combined by weights shown in footnote 1.

<sup>3</sup> Each of 4 products is represented by farm value of certain types of tobacco, weighted according to Agricultural Adjustment Administration formula, showing types used in manufacture of each product. The four products are weighted together by percentages in footnote 1. Farm value is lagged to represent prices received by farmers 2 to 2½ years earlier than the indicated retail price period (simple average of prices received 2 and 3 crop-years earlier).

<sup>4</sup> Does not include city taxes. Federal internal-revenue taxes, weighted by percentages in footnote 1, and inflated to allow for estimated State revenue taxes. Processing taxes included, 1933-35.

<sup>5</sup> Margin less taxes.

<sup>6</sup> The amount of the processing tax added to farm value increases it to \$0.122 in 1933; \$0.135 in 1934, and \$0.159 in 1935. Farmer's shares including the tax payments are 7.6 percent in 1933; 7.7 percent in 1934, and 9.2 percent in 1935.

Bureau of Agricultural Economics. Data for 1926-28 in Agricultural Statistics, 1949, table 157.

TABLE 160.—*Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1940-49*

Year	Cigars <sup>1</sup>		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Plug	Twist	Fine-cut	Scrap			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	5,235,271	134,738	2,249	189,371,258	48,759	5,605	4,176	42,910	205,101	37,872	344,423
1941.....	5,610,176	146,711	1,790	217,934,925	50,230	6,614	5,069	44,209	197,689	39,616	342,427
1942.....	5,840,805	133,150	2,503	257,620,863	54,300	6,024	5,084	48,346	175,656	41,003	330,413
1943.....	5,363,027	125,480	6,111	206,173,333	58,945	6,257	4,460	51,414	162,834	43,179	327,089
1944.....	5,198,679	123,340	26,870	322,583,888	61,655	6,498	4,092	52,867	139,861	41,062	306,935
1945.....	5,274,675	98,167	82,416	332,164,670	59,704	6,723	3,970	47,748	168,523	43,834	330,502
1946.....	5,617,700	92,262	1,658	350,038,093	51,810	5,773	3,756	46,117	106,414	39,361	253,231
1947.....	5,487,656	79,690	1,637	369,682,769	47,306	5,152	3,793	42,189	104,680	39,163	242,283
1948.....	5,645,104	89,134	641	386,525,746	45,346	5,632	3,207	42,088	107,599	40,809	244,681
1949 <sup>2</sup> .....	5,600,000	82,000	800	384,979,358	41,903	5,586	2,756	39,674	108,124	40,908	238,951

<sup>1</sup> Cigars produced in and removed for domestic consumption from bonded manufacturing warehouses are not included.

<sup>2</sup> Preliminary.

Production and Marketing Administration. Compiled from annual and monthly reports of the Commissioner of Internal Revenue, Treasury Department, except cigars for 1949, which are estimates of the Production and Marketing Administration.

TABLE 161.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1947-49*

Continent and country	Average 1935-39		1947		1948 <sup>1</sup>		1949 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:								
Canada.....	15,294	4,255	24,793	1,610	15,877	1,617	15,725	1,577
Costa Rica.....	40	40	85	4	78	4	74	4
El Salvador.....	23	495	2,096	1	2,720	1	2,200	2
Guatemala.....	68	68	273	4	477	4	549	4
Honduras.....	1,894	43	3,737	60	4,444	56	4,630	88
Mexico.....	215	210	649	1,880	327	2,587	140	2,707
Newfoundland and Labrador.....		62		1,166		<sup>3</sup> 1,500		( <sup>4</sup> )
Nicaragua.....		175		453		504		534
United States.....	420,797	71,274	507,286	90,386	426,609	84,342	498,205	87,932
Cuba.....	27,712	7,754	27,115	32,322	32,322		31,195	
Dominican Republic.....	13,652		32,985	183	30,504		46,156	
Total.....	479,587	76,622	596,565	98,202	510,092	93,887	596,051	95,661
Europe:								
Austria.....	<sup>5</sup> 1,424	<sup>5</sup> 16,954		6,264		10,133		23,837
Belgium and Luxembourg.....	413	40,995	84	40,591		42,547		41,848
Bulgaria.....	59,396		72,007		<sup>3</sup> 30,000		<sup>3</sup> 30,000	
Czechoslovakia.....	<sup>5</sup> 20,768			46,082		21,473		<sup>5</sup> 20,000
Denmark.....	20,206		11	18,932	269	20,023	2,014	25,463
Finland.....	490			6,823		14,618		4,433
France.....	<sup>5</sup> 686	<sup>5</sup> 61,576	116	68,466	1,911	28,117	466	74,299
Germany.....	<sup>5</sup> 19	<sup>5</sup> 204,644		<sup>5</sup> 3,200		<sup>5</sup> 13,813	<sup>5</sup> 100	<sup>5</sup> 110,000
Greece.....	97,657	20	32,084		39,775		62,597	
Hungary.....	19,162	3,106	867	851	<sup>5</sup> 5,000	<sup>5</sup> 2,400	<sup>5</sup> 5,000	<sup>5</sup> 2,400
Ireland.....	<sup>5</sup> 394	<sup>5</sup> 12,292	340	14,417	337	12,481		23,957
Italy.....	12,927	5,253	3,848	29,826	4,134	27,322	14,650	8,280
Netherlands.....	3,249	67,349	425	76,228	1,770	34,207	4,777	70,631
Norway.....		6,602		9,113		9,125		9,734
Poland.....	<sup>5</sup> 149	<sup>5</sup> 18,404		8,311		6,587		<sup>5</sup> 10,000
Portugal.....		6,381		10,062	8	11,727		9,775
Spain.....	<sup>5</sup> 30,979			56,502		32,361		31,923
Sweden.....	153	14,829	455	19,862	61	16,398		15,864
Switzerland.....		15,795		22,253		22,998		21,636
United Kingdom.....	<sup>7</sup> 5,996	258,486	<sup>7</sup> 899	295,621	<sup>7</sup> 994	280,775	<sup>7</sup> 1,507	301,133
Total.....	202,115	812,093	110,946	733,428	84,259	607,105	121,111	805,213

See footnotes at end of table.

TABLE 161.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1947-49—Continued*

Continent and country	Average 1935-39		1947		1948 <sup>1</sup>		1949 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Asia:								
Syria and Lebanon.....	2,762	112	6,243	300	5,593	507	5,667	441
Turkey.....	78,054	152	93,239	—	109,321	64	171,132	—
Ceylon.....	2,086	1,200	1,124	2,323	1,037	1,620	950	<sup>2</sup> 1,036
China.....	30,994	56,613	1,155	41,475	1,459	20,945	<sup>3</sup> 1,000	<sup>3</sup> 5,000
French Indochina.....	<sup>6</sup> 216	2,718	—	7,124	—	7,485	—	<sup>3</sup> 7,500
Hong Kong.....	( <sup>8</sup> )	10,450	387	10,437	1,374	7,260	<sup>3</sup> 1,500	<sup>3</sup> 9,000
India.....	43,500	4,791	49,945	12,789	50,850	11,515	<sup>2</sup> 60,000	<sup>2</sup> 8,000
Indonesia.....	101,176	2,765	4,916	3,189	2,672	7,985	14,610	7,601
Philippine Republic.....	37,357	1,075	10,254	101	6,181	96	11,218	<sup>2</sup> 220
Thailand (Siam).....	13	3,405	—	3,307	—	1,452	—	2,624
Total.....	296,158	83,281	167,263	81,045	178,487	58,929	266,077	41,422
South America:								
Argentina.....	180	16,878	4,489	17,504	<sup>2</sup> 2,400	21,400	2,200	16,008
Brazil.....	71,955	772	82,860	664	54,789	240	<sup>2</sup> 68,000	<sup>2</sup> 500
British Guiana.....	—	<sup>3</sup> 393	—	780	—	639	—	580
Chile.....	—	172	—	840	—	840	—	766
Colombia.....	6,472	<sup>3</sup> 138	8,583	363	6,656	366	9,900	<sup>3</sup> 300
Paraguay.....	7,747	202	8,648	—	5,304	—	9,806	—
Peru.....	—	212	—	632	—	789	—	<sup>3</sup> 600
Surinam.....	( <sup>8</sup> )	( <sup>8</sup> )	—	99	—	127	—	163
Uruguay.....	—	3,051	—	4,178	—	4,326	—	8,832
Total.....	86,354	21,818	104,580	25,060	69,149	28,727	89,906	27,749
Africa:								
Algeria.....	24,979	7,482	20,507	7,671	17,772	7,606	28,573	7,180
French Morocco.....	—	<sup>3</sup> 3,921	401	6,521	252	8,820	—	4,275
Belgian Congo.....	—	<sup>3</sup> 1,000	17	2,692	18	1,700	—	4,912
Nyasaland.....	12,810	—	20,008	14	23,846	12	<sup>3</sup> 20,000	<sup>3</sup> 20
Egypt.....	—	13,014	—	24,923	—	24,220	—	28,860
Gold Coast.....	—	1,471	—	1,213	—	1,500	—	1,720
Madagascar.....	5,282	17	3,115	—	6,157	37	4,251	—
Northern Rhodesia.....	1,429	—	3,335	—	4,826	—	6,075	—
Southern Rhodesia.....	19,166	327	46,657	1,064	67,661	1,313	67,937	<sup>3</sup> 2,000
Tunisia.....	—	<sup>2</sup> 2,843	—	5,390	118	8,523	—	6,321
Union of South Africa.....	635	3,100	—	6,463	—	3,562	<sup>3</sup> 1,000	<sup>3</sup> 3,500
Total.....	64,281	33,175	94,040	55,951	120,650	57,293	127,836	58,788
Oceania:								
Australia.....	114	21,537	—	21,333	291	29,941	95	22,190
New Zealand.....	113	3,027	—	4,651	—	4,346	—	<sup>2</sup> 4,500
Total.....	227	24,564	—	25,984	291	34,287	95	26,690
Total, countries shown.....	1,128,722	1,051,553	1,073,394	1,019,670	962,928	880,228	1,201,076	1,055,523

<sup>1</sup> Preliminary.<sup>2</sup> Estimated on the basis of data available for 6 months or more of the year.<sup>3</sup> Approximated from unofficial information.<sup>4</sup> Data for April through December included in Canada. No data available for January through March.<sup>5</sup> Less than a 5-year average.<sup>6</sup> Western Germany only; data for Eastern Germany not available.<sup>7</sup> Re-exports.<sup>8</sup> Not available.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States Foreign Service officers, and other information.

## CHAPTER III

### STATISTICS OF OILSEEDS, FATS, AND OILS

The information given in this chapter includes data on cottonseed, flaxseed, olive oil, peanuts, soybeans, tung nuts, oleomargarine, and fats and oils.

Some data on fats, oils, and oilseeds produced abroad are in the chapter on foreign trade. Butter statistics in general are included with other dairy products. Lard statistics are mostly in the chapter on livestock.

A new table on soybean futures has been added in this issue, because the volume of trading in soybeans has increased greatly during recent years.

TABLE 162.—*Cottonseed: Cotton acreage, cottonseed yield, production, farm disposition, season average price per ton received by farmers, and value, United States, 1929-49*

Year	Harvested acreage of cotton	Cottonseed					Price	Farm value
		Yield of seed per harvested acre	Pro- duc- tion	Left on farms	Delivered to oil mills			
					Sold to oil mills	Ex- changed for meal		
	1,000 acres	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1929.....	43,232	296	6,406	1,384	4,692	330	30.93	198,164
1930.....	42,444	284	6,028	1,333	4,278	417	22.07	133,064
1931.....	38,704	378	7,310	1,690	4,795	825	8.98	65,678
1932.....	35,891	324	5,815	1,272	3,998	545	10.35	60,202
1933.....	29,383	375	5,511	1,352	3,796	363	12.91	71,166
1934.....	26,866	317	4,256	838	3,211	207	33.03	140,574
1935.....	27,509	337	4,634	884	3,450	300	30.54	141,527
1936.....	29,755	368	5,472	953	4,215	304	33.30	182,230
1937.....	33,623	467	7,844	1,223	5,963	658	19.50	152,974
1938.....	24,248	408	4,950	690	3,815	445	21.79	107,874
1939.....	23,805	409	4,869	799	3,637	433	21.14	102,933
1940.....	23,861	443	5,286	796	3,998	492	21.72	114,817
1941.....	22,236	410	4,553	593	3,748	212	47.65	216,961
1942.....	22,602	460	5,202	686	4,151	365	45.60	237,221
1943.....	21,610	434	4,688	704	3,553	431	52.10	244,050
1944.....	19,651	499	4,902	540	4,064	298	52.70	258,163
1945.....	17,083	429	3,664	502	2,844	318	51.10	187,155
1946.....	17,674	398	3,514	443	2,856	215	71.90	252,697
1947.....	21,380	438	4,682	611	3,930	141	85.90	402,058
1948.....	22,921	519	5,945	563	5,214	168	67.20	399,755
1949 <sup>1</sup> .....	27,230	486	6,613	629	5,887	97	43.40	286,965

<sup>1</sup> Preliminary. Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 212.

TABLE 163.—*Cottonseed: Production and season average price per ton received by farmers (average 1938-47), and farm disposition, by States, annual 1948 and 1949*

State	Production			Left on farms		Delivered to oil mills				Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	1948	1949 <sup>1</sup>	Sold to oil mills		Exchanged for meal		Average 1938-47	1948	1949 <sup>1</sup>
						1948	1949 <sup>1</sup>	1948	1949 <sup>1</sup>			
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>
Missouri.....	152	213	201	13	16	200	184	0	1	44.70	63.30	40.30
Virginia.....	9	10	9	1	1	8	7	1	1	46.90	58.70	42.80
North Carolina.....	223	282	197	22	22	247	166	13	9	46.20	60.30	42.10
South Carolina.....	288	359	233	39	28	294	195	26	10	46.20	62.10	42.70
Georgia.....	315	303	252	28	27	256	214	19	11	46.50	66.50	43.80
Florida.....	6	6	7	1	1	4	5	1	1	40.80	66.90	46.00
Tennessee.....	203	255	261	25	26	221	229	9	6	47.70	64.80	42.60
Alabama.....	347	469	351	54	41	382	279	33	31	45.70	60.80	42.30
Mississippi.....	671	912	612	102	77	778	527	32	8	38.50	68.40	44.60
Arkansas.....	553	756	674	51	64	694	607	11	3	47.10	65.40	42.30
Louisiana.....	217	302	264	27	24	267	236	8	4	44.50	66.70	42.10
Oklahoma.....	220	158	246	18	26	137	219	3	1	47.00	68.20	42.40
Texas.....	1,120	1,306	2,480	116	230	1,178	2,239	12	11	47.40	72.10	43.60
New Mexico.....	48	95	109	7	4	88	105	0	0	50.30	70.00	42.70
Arizona.....	77	137	220	12	10	125	210	0	0	48.70	68.00	45.20
California.....	177	376	491	46	31	330	460	0	0	51.40	73.20	46.00
Other States <sup>2</sup> .....	7	6	6	1	1	5	5	0	0	46.10	63.50	42.10
United States.....	4,631	5,945	6,613	563	629	5,214	5,887	168	97	47.20	67.20	43.40

<sup>1</sup> Preliminary. <sup>2</sup> Includes Illinois, Kansas, and Kentucky for all years and Nevada for 1948 and 1949.

Bureau of Agricultural Economics. Quantities of 500 tons or less shown as zero.

TABLE 164.—*Cottonseed: Crushings and output of products, United States, 1940-49*

Year beginning August—	Quan- tity crushed	Cottonseed products				Year beginning August—	Quan- tity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls			Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls
	<i>1,000 tons</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 running bales</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 running bales</i>	<i>1,000 tons</i>
1940.....	4,398	1,425	1,954	1,208	1,107	1945.....	3,262	1,018	1,434	989	783
1941.....	4,008	1,250	1,753	1,183	992	1946.....	3,090	973	1,363	992	727
1942.....	4,498	1,401	1,995	1,354	1,085	1947.....	4,082	1,276	1,898	1,282	923
1943.....	3,955	1,236	1,834	1,180	927	1948.....	5,332	1,704	2,391	1,639	1,236
1944.....	4,254	1,324	1,954	1,247	984	1949 <sup>2</sup> .....	5,710	1,846	2,552	1,700	1,340

<sup>1</sup> Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants, shown in table 110.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of the Census.

TABLE 165.—Cottonseed: Production in specified areas, averages 1935-39 and 1940-44, annual 1945-49

Continent and country	Year beginning August 1 <sup>1</sup>						
	Average		1945	1946	1947	1948 <sup>2</sup>	1949 <sup>2</sup>
	1935-39	1940-44					
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
North America:							
El Salvador.....	2	6	5	10	11	11	13
Mexico.....	160	203	207	221	232	274	473
United States.....	5,554	4,926	3,664	3,514	4,682	5,945	6,613
Haiti.....	12	7	6	4	6	7	8
Total <sup>3</sup> .....	5,735	5,150	3,980	3,755	4,940	6,245	7,120
Europe:							
Bulgaria <sup>4</sup> .....	19	9	5	11	15		
Greece.....	39	14	16	26	27	28	36
Italy.....	11	14	5	6	8	6	5
Rumania <sup>4</sup> .....	1	7	12	6	10		
Spain.....	5	8	4	11	6	15	7
Total (excl. U.S.S.R.) <sup>3</sup> .....	75	55	45	60	70	85	85
U.S.S.R. (Europe and Asia).....	1,640	995	815	1,075	1,150	1,250	1,295
Asia:							
Iran.....	91	56	49	34	43	49	51
Syria.....	15	8	12	12	13	15	31
Turkey.....	126	122	84	104	111	157	222
Afghanistan.....	27	13	11	5	6	11	11
Burma.....	54	45	18	12	20	20	12
China (incl. Manchuria).....	1,593	1,123	1,016	1,078	1,196	1,184	952
India <sup>5</sup> .....	2,984	2,708	1,316	1,311	1,406	1,098	1,288
Pakistan <sup>6</sup> .....			595	590	472	424	488
Korea <sup>6</sup> .....	101	100	52	38	33	37	41
Indonesia.....	5	5		1	1	1	1
Thailand.....	4	15	18	12	14	14	14
Total (excl. U.S.S.R.) <sup>3</sup> .....	5,015	4,210	3,185	3,205	3,325	3,015	3,125
South America:							
Argentina.....	147	202	145	170	216	230	255
Brazil.....	935	1,037	645	648	605	720	785
Colombia.....	12	12	11	11	13	15	21
Paraguay.....	20	21	22	28	17	26	31
Peru.....	204	165	175	160	151	158	174
Venezuela.....	6	8	7	6	5	7	3
Total <sup>3</sup> .....	1,330	1,450	1,010	1,030	1,010	1,160	1,275
Africa and Oceania:							
Anglo-Egyptian Sudan.....	132	135	103	125	115	137	150
Belgian Congo.....	87	92	92	88	94	112	102
Tanganyika.....	25	23	17	17	21	19	22
Uganda.....	143	101	97	98	72	166	136
Egypt.....	1,007	661	576	669	702	980	903
French Equatorial Africa and Cameroun.....	22	46	56	42	58	57	59
French West Africa.....	16	11	5	5	8	9	20
Mozambique.....	18	49	53	59	54	64	67
Nigeria and Cameroons.....	19	16	16	15	32	32	32
Angola.....	7	13	11	14	13	11	15
Total <sup>3</sup> .....	1,500	1,170	1,035	1,145	1,185	1,600	1,525
World total.....	15,295	13,030	9,980	10,270	11,680	13,355	14,425

<sup>1</sup> Years shown refer to years of harvest.<sup>2</sup> Preliminary.<sup>3</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.<sup>4</sup> Figures for 1941 to date are not comparable with prewar figures because of boundary changes.<sup>5</sup> Prior to 1945 figures for India include Pakistan.<sup>6</sup> Figures from 1941 to date are for South Korea only.

Office of Foreign Agricultural Relations. United States figures were compiled from official records; figures for other countries were calculated from lint-production estimates.

TABLE 166.—*Cottonseed oil, meal, and hulls: Average price at specified markets, 1940-49*

Year beginning August—	Oil, per pound		Meal, per ton <sup>3</sup>	Hulls, per ton <sup>4</sup>	Year beginning August—	Oil, per pound		Meal, per ton <sup>3</sup>	Hulls, per ton <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1940-----	6.54	7.52	26.66	11.00	1945-----	12.75	14.58	55.06	13.17
1941-----	12.27	13.45	36.61	9.93	1946-----	24.78	<sup>5</sup> 28.47	74.55	15.90
1942-----	12.75	13.93	37.80	10.28	1947-----	26.25	<sup>5</sup> 27.75	86.80	15.61
1943-----	12.75	14.05	48.54	12.00	1948-----	15.42	<sup>5</sup> 17.23	63.30	6.55
1944-----	12.75	14.31	48.50	13.00	1949-----	12.51	<sup>5</sup> 14.66	63.20	7.00

<sup>1</sup> In tanks, f.o.b. southeastern mills.<sup>2</sup> Prime summer yellow, bleachable, tank-car deliveries, New York.<sup>3</sup> On basis of 41 percent protein, bagged, carlots, Memphis.<sup>4</sup> Bulk, carlots. Atlanta, through July 1944; southeast mills, August 1944-July 1947; Memphis, August 1947-July 1950.<sup>5</sup> Nearby futures.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter; reports of the Bureau of Labor Statistics, and records of the Production and Marketing Administration. Data for earlier years in the 1930 Yearbook, table 149, and Agricultural Statistics, 1940, table 177.

TABLE 167.—*Cottonseed oil futures: Volume of trading and annual average of month-end open contracts on all contract markets,<sup>1</sup> and highest and lowest prices per pound on the New York Produce Exchange, 1940-49*

Year beginning August—	Volume of trading	Average of open contracts	New York Produce Exchange price		Year beginning August—	Volume of trading	Average of open contracts	New York Produce Exchange price	
			Highest	Lowest				Highest	Lowest
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>
1940-----	3,520.1	<sup>2</sup> 153.1	13.25	5.33	1945-----	0.7	<sup>3</sup> 0.4	14.31	14.20
1941-----	1,027.4	57.4	14.30	11.40	1946-----	102.2	<sup>4</sup> 13.3	41.25	16.25
1942-----	26.8	2.3	14.45	13.27	1947-----	1,576.6	55.5	43.00	15.60
1943-----	6.3	1.0	14.45	12.75	1948-----	3,342.3	93.9	27.75	10.50
1944-----	12.7	2.1	14.31	12.65	1949-----	5,003.9	202.0	19.98	11.00

<sup>1</sup> New York Produce Exchange, New Orleans Cotton Exchange, and Chicago Board of Trade. (No trading at Chicago since February 1941 nor at New Orleans during the period 1943-44 through 1947-48.)<sup>2</sup> 5-month average; not available prior to Mar. 17, 1941.<sup>3</sup> 11-month average; trading suspended July 10, 1946.<sup>4</sup> 10-month average; trading resumed Oct. 17, 1946.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members beginning Mar. 17, 1941; prior trading data obtained from records of exchanges. Prices compiled from records of the New York Produce Exchange.

TABLE 168.—*Flaxseed: Acreage, yield, production, value, foreign trade, and net supply, United States, 1929-49*

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 1 flaxseed at Minneapolis, year beginning August 1	Foreign trade, including linseed oil in terms of seed, year beginning July 2			Net supply
								Domestic exports	Imports 3	Net imports 4	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1929		2,966	5.1	15,046							
1929	3,386	3,049	5.2	15,924	2.81	44,777	3.11	115	19,945	19,830	35,754
1930	4,481	3,780	5.7	21,673	1.61	34,950	1.76	70	7,827	7,757	29,430
1931	3,773	2,431	4.8	11,755	1.17	13,715	1.36	47	13,851	13,804	25,559
1932	2,720	1,983	5.8	11,511	.88	10,149	1.18	42	6,215	6,173	17,884
1933	1,837	1,341	5.1	6,904	1.63	11,230	1.87	38	18,479	18,441	25,345
1934		998	6.6	6,598							
1934	1,609	1,002	5.7	5,719	1.70	9,732	1.90	43	15,499	15,456	21,175
1935	2,419	2,126	7.0	14,914	1.42	21,181	1.73	55	15,451	15,396	30,310
1936	2,572	1,125	4.7	5,331	1.90	10,112	2.14	58	26,120	26,062	31,393
1937	1,330	927	7.6	7,070	1.87	13,196	2.07	43	17,873	17,830	24,900
1938	1,032	905	8.9	8,032	1.69	12,783	1.78	43	18,748	18,705	26,737
1939		2,081	9.0	18,829							
1939	2,339	2,171	9.0	19,606	1.46	28,692	1.65	239	13,213	12,974	32,580
1940	3,364	3,182	9.7	30,924	1.42	43,793	1.65	276	11,202	10,926	41,850
1941	3,462	3,266	9.8	32,133	1.79	57,482	2.11	2,213	23,273	21,060	53,193
1942	4,698	4,408	9.3	40,976	2.36	96,560	2.58	4,402	9,248	4,846	45,822
1943	6,182	5,691	8.3	50,009	2.83	141,554	3.05	15,339	21,244	5,905	55,914
1944		2,477	8.4	20,765							
1944	2,887	2,610	8.3	21,665	2.91	62,941	3.10	9,763	6,482	3,281	18,384
1945	3,953	3,785	9.1	34,557	2.89	99,912	3.14	238	8,356	8,118	42,675
1946	2,641	2,432	9.3	22,585	4.04	91,137	4.82	61	10,190	10,128	32,713
1947	4,161	4,030	10.1	40,536	6.15	249,331	6.38	1,473	1,446	27	40,509
1948	5,001	4,859	11.2	54,529	5.71	311,443	5.98	5,408	735	4,673	49,856
1949	5,199	4,880	8.9	43,664	3.57	155,664	3.92				

<sup>1</sup> Average of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.

<sup>2</sup> Compiled from reports of the Department of Commerce. Linseed oil converted to flaxseed equivalent on the basis of 1 bushel (56 lb.) of flaxseed to 2½ gallons of oil, and a gallon of oil weighs approximately 7½ pounds.

<sup>3</sup> General imports 1929-32; imports for consumption beginning 1933. <sup>4</sup> Total imports minus exports. Beginning 1933, imports for consumption minus domestic exports. Re-exports of seed or oil have not been reported since December 1922. <sup>5</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel. <sup>6</sup> Net exports. <sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 220.

TABLE 169.—*Flaxseed: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage planted			Acreage harvested			Production 2			Price 3 for crop of—		
	Average 1938-47	1948	1949 1	Average 1938-47	1948	1949 1	Average 1938-47	1948	1949 1	Average 1938-47	1948	1949 1
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Illinois	48	2	1	48	2	1	104	23	13	3.05	5.73	3.45
Michigan	7	7	1	7	7	8	58	77	80	2.84	5.79	3.45
Wisconsin	10	22	17	9	22	17	104	275	221	2.88	5.65	3.55
Minnesota	1,258	1,700	1,691	1,199	1,661	1,628	12,053	19,102	16,280	2.74	5.73	3.60
Iowa	153	105	105	148	104	104	1,793	1,612	1,456	2.65	5.68	3.55
Missouri	9	7	6	9	7	6	54	35	39	2.51	5.46	3.45
North Dakota	1,053	1,698	1,851	971	1,639	1,754	7,103	16,390	13,155	2.73	5.58	3.45
South Dakota	353	716	773	329	708	708	3,069	7,788	4,956	2.71	5.64	3.50
Kansas	123	87	37	142	72	34	1,000	396	221	2.51	5.47	3.20
Oklahoma	23	4	1	19	3	1	113	9	6	2.44	5.44	3.15
Texas	449	248	360	442	240	329	351	1,320	1,974	2.65	5.70	3.45
Montana	215	148	95	195	141	66	1,296	1,410	363	2.67	5.50	3.25
Wyoming	1	1	2	1	1	2	5	5	10	3.41	5.48	3.35
Arizona	16	38	44	16	38	38	369	1,064	950	3.00	6.24	3.85
Washington	3	2	2	3	2	2	31	20	24	2.59	5.93	3.80
Oregon 2	4	15	9	3	14	8	37	147	88	2.72	5.74	3.80
California	155	201	197	147	198	174	2,599	4,851	3,828	3.04	6.18	3.94
United States	3,472	5,001	5,199	3,248	4,850	4,880	30,102	54,529	43,664	2.74	5.71	3.57

<sup>1</sup> Preliminary. <sup>2</sup> Does not include flaxseed harvested from flax grown for fiber in Oregon, estimated at 20,000 bushels in 1948 and 30,700 bushels in 1949. <sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel. <sup>4</sup> Short-time average.

Bureau of Agricultural Economics.



TABLE 170.—*Flaxseed: Production, seed used, and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948				Crop of 1949 <sup>1</sup>			
	Production	Total used for seed	Farm disposition		Production	Total used for seed	Farm disposition	
			Used for seed on farms where grown	Sold			Used for seed on farms where grown	Sold
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
Illinois.....	28	1	1	27	13	1	1	12
Michigan.....	77	6	4	73	80	6	4	76
Wisconsin.....	275	14	8	267	221	11	7	214
Minnesota.....	19,102	1,353	839	18,263	16,280	1,055	675	15,605
Iowa.....	1,612	94	52	1,560	1,456	65	46	1,410
Missouri.....	35	5	2	33	39	4	2	37
North Dakota.....	16,390	1,018	580	15,810	13,155	906	544	12,611
South Dakota.....	7,788	425	276	7,512	4,956	302	196	4,760
Kansas.....	396	26	13	383	221	30	15	206
Oklahoma.....	9	1	1	8	6	2	1	5
Texas.....	1,320	270	108	1,212	1,974	172	86	1,888
Montana.....	1,410	38	17	1,393	363	26	11	352
Wyoming.....	5	1	-----	5	10	1	-----	10
Arizona.....	1,064	44	4	1,060	950	17	1	949
Washington.....	20	1	-----	20	24	1	-----	24
Oregon.....	147	6	4	143	88	3	2	86
California.....	4,851	148	59	4,792	3,828	52	10	3,818
United States.....	54,529	3,451	1,968	52,561	43,664	2,654	1,601	42,063

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 171.—*Flaxseed: Receipts graded by licensed inspectors, by grade, United States, 1939-48*

Year beginning August—	No. 1	No. 2	Sample	Total	Year beginning August—	No. 1	No. 2	Sample	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	15,847	213	115	16,175	1944.....	19,305	1,717	608	21,630
1940.....	20,107	2,148	2,226	24,481	1945 <sup>1</sup> .....	31,151	683	457	32,291
1941.....	19,723	2,921	1,831	24,475	1946 <sup>1</sup> .....	16,265	1,128	200	17,593
1942.....	25,127	3,582	2,029	30,738	1947 <sup>1</sup> .....	30,844	1,673	467	32,884
1943.....	33,619	2,170	1,118	36,907	1948 <sup>1</sup> .....	67,015	1,526	283	68,824

<sup>1</sup> Year beginning July.

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,200 bushels per car for the years 1939-43 and 1,600 bushels for the years 1944-48.

TABLE 172.—*Flaxseed: Acreage, yield per acre, and production in specified areas, average 1935-39, annual 1946-49*<sup>1</sup>

Continent and country	Harvested acreage					Yield per acre					Production				
	Average 1935-39	1946	1947	1948	1949 <sup>2</sup>	Average 1935-39	1946	1947	1948	1949 <sup>2</sup>	Average 1935-39	1946	1947	1948	1949 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
<b>North America:</b>															
Canada.....	307	841	1,571	1,876	321	4.9	7.6	7.8	9.4	7.0	1,508	6,403	12,241	17,683	2,262
Mexico.....	16	68	93	145		6.9	11.6	12.7	13.2		111	789	1,173	1,911	1,811
United States.....	1,451	2,432	4,030	4,859	4,880	7.6	9.3	10.1	11.2	8.9	10,991	22,585	40,536	54,529	43,664
<b>Total.....</b>	<b>1,774</b>	<b>3,341</b>	<b>5,694</b>	<b>6,880</b>	<b>5,331</b>						<b>12,610</b>	<b>29,777</b>	<b>53,950</b>	<b>74,123</b>	<b>47,737</b>
<b>Europe:</b>															
Austria <sup>3</sup> .....	5	5	6	8		7.1	8.4	5.9	8.7		36	40	36	69	51
Belgium <sup>3</sup> .....	75	78	69	74	64	8.9	8.0	6.8	7.9	9.7	664	617	470	587	627
Bulgaria.....	3 8	4 2	4 8			6.5	5.5	6.1			52	10	47		
Czechoslovakia <sup>3</sup> .....	35	50	50	66	66	6.9	6.3	4.3	5.7	6.4	243	315	212	376	421
Denmark.....		3	23	45	32		15.9	17.5	16.5	19.1		47	401	737	614
Finland <sup>3</sup> .....	7 9		25	24	26										
France <sup>3</sup> .....	92	81	81	78	96	5.0	4.4	4.3	5.0		464	357	350	387	
Germany <sup>3</sup> .....	75	95	126	144	111	10.7	8.6	9.3	9.7	9.8	795	819	1,177	1,386	1,083
Greece.....											79	157	98	98	118
Hungary <sup>6</sup> .....	28	8	14	23	41	9.5			8.9	8.9	283	94		256	400
Italy <sup>3</sup> .....	16	34	45	48	51	12.6	7.8	10.0	9.8	8.9	202	262	454	472	451
Netherlands <sup>3</sup> .....	42	31	33	48	50	13.0	10.2	11.8	12.6	13.9	546	314	386	606	696
Poland <sup>3</sup> .....	158	55	100	203		10.0	4.1	4.0			1,578	367	400		
Rumania <sup>3</sup> .....	42	50	32	37		6.5	2.7				275	137			
Sweden.....		22	40	54	120		12.2	16.4	18.9	21.2		272	645	1,012	2,539
United Kingdom.....	2	11	38	86	58		9.1	15.8	16.3	16.6		100	600	1,400	920
Yugoslavia <sup>3</sup> .....	33					1.6					52				
<b>Total (excl. U.S.S.R.)<sup>9</sup>.....</b>	<b>650</b>	<b>615</b>	<b>745</b>	<b>1,010</b>	<b>1,075</b>						<b>5,350</b>	<b>4,065</b>	<b>5,650</b>	<b>8,450</b>	<b>9,540</b>
<b>U.S.S.R. (Europe and Asia)<sup>3</sup>.....</b>	<b>6,434</b>	<b>2,800</b>	<b>3,200</b>	<b>4,400</b>		<b>5.1</b>	<b>4.0</b>	<b>4.3</b>	<b>4.4</b>		<b>32,115</b>	<b>11,257</b>	<b>13,800</b>	<b>19,290</b>	
<b>Asia:</b>															
Turkey <sup>3</sup> .....	48	47	72	183	211	7.3	6.7	10.4	9.8	6.7	349	315	748	1,795	1,406
India <sup>6 10</sup> .....	3,885	3,334	3,259	3,977	3,877	4.7	4.4	4.0	4.3	4.5	18,096	14,520	13,120	17,240	17,560
Pakistan <sup>11</sup> .....			76	74	74			6.8	7.0	6.5			520	520	480
Japan <sup>3</sup> .....	50	67	75	64	49	4.2			3.1	2.4	211			197	118
<b>Total (excl. U.S.S.R.) and China<sup>9</sup>.....</b>	<b>4,075</b>	<b>3,685</b>	<b>3,730</b>	<b>4,515</b>	<b>4,440</b>						<b>18,925</b>	<b>15,520</b>	<b>15,180</b>	<b>20,045</b>	<b>19,900</b>

South America:																	
Argentina.....	6,077	3,798	3,339	3,212	2,700	9.8	10.7	11.1	6.1	8.9	59,571	40,706	37,104	19,684	24,000		
Brazil.....												591	709	787	787		
Chile <sup>12</sup> 5.....	13	13	13	19	13	8.2	13.3	13.4	12.9		<sup>12</sup> 37	170	168	241			
Uruguay.....	407	300	551	522	418	9.6	9.5	7.0	8.8	7.2	3,894	2,843	3,862	4,596	2,992		
Total <sup>9</sup> .....	6,570	4,185	3,985	3,845	3,225						64,035	44,315	41,845	25,310	27,950		
Africa:																	
Algeria.....			1	59	240				6.6					394			
Egypt <sup>3</sup> .....	7	4	11	22	21	12.4	12.0	12.9	14.0	14.5	87	43	136	312	409		
French Morocco.....	51	32	74	121	297	7.1	7.4	5.3	10.1	8.2	362	238	394	1,228	2,421		
Total.....	65	90	140	325	730						500	520	765	2,485	5,080		
Oceania:																	
New Zealand.....	1	12	19	8	8	14.2	9.8	7.5			17	120	140				
Total <sup>9</sup> .....	1	12	25	30	45						17	175	195	365	540		
World total.....	19,570	14,730	17,520	21,005	20,250						133,555	105,650	131,390	150,070	136,750		

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1949 is combined with the Southern Hemisphere harvest which began late in 1949 and ended early in 1950. Estimates do not include China where annual production probably varies from 1 to 2 million bushels.

<sup>2</sup> Preliminary.

<sup>3</sup> Acreage includes area for fiber.

<sup>4</sup> Includes acreage utilized for combined plantings but excludes acreage planted for fiber production only.

<sup>5</sup> Average of less than 5 years.

<sup>6</sup> Sown area.

<sup>7</sup> Flax and hemp.

<sup>8</sup> Yield per acre calculated on the basis of the yield of seed from acreage harvested for seed only.

<sup>9</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

<sup>10</sup> Officially reported figures plus Indian official estimates for unreported tracts except in the years 1946-49 inclusive, when no estimates for unreported tracts were available.

<sup>11</sup> Prior to 1947 figures for India include Pakistan.

<sup>12</sup> 1935 only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

FLAXSEED

TABLE 173.—*Flaxseed: Supply and distribution, United States, 1909-50*

Year beginning July—	Supply				Distribution				
	Stocks, July 1	Production	Net imports	Total	Total used for seed	Farm disposition		Crush- ings <sup>2</sup>	Total disap- pearance <sup>3</sup>
						Used for seed on farms where grown <sup>1</sup>	Sold		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1909		19,511	4,937		1,376	799	18,712		24,448
1910		11,384	10,498		1,445	837	10,547		21,882
1911		18,537	6,816		1,527	930	17,607		25,353
1912		28,139	5,277		1,028	739	27,400		33,416
1913		15,099	8,347		818	564	14,535		23,446
1914		12,940	10,599		580	414	12,526		23,539
1915		11,270	14,676		670	392	10,878		25,946
1916		11,829	12,393		1,081	540	11,289		24,222
1917		8,402	13,345		927	588	7,814		21,747
1918		12,779	8,411		812	540	12,239		21,190
1919		6,770	23,343		913	496	6,274	27,325	30,113
1920		10,900	16,169		631	449	10,451	25,558	27,069
1921	5,680	8,107	13,630	27,417	597	379	7,728	23,505	26,030
1922	1,387	10,520	25,006	36,913	1,079	520	10,000	31,062	33,415
1923	3,498	16,563	19,577	39,638	1,864	949	15,614	36,201	37,782
1924	1,856	31,220	13,419	46,495	1,633	1,109	30,111	40,724	42,522
1925	3,973	22,334	19,354	45,661	1,551	1,053	21,281	38,037	40,948
1926	4,713	18,531	24,224	47,468	1,491	971	17,560	40,582	41,818
1927	5,650	25,174	18,112	48,936	1,430	948	24,226	43,243	44,766
1928	4,170	19,118	23,494	46,782	1,738	998	18,120	39,595	41,763
1929	5,019	15,924	19,652	40,595	2,327	1,233	14,691	35,504	37,373
1930	3,222	21,673	7,813	32,708	1,989	1,215	20,458	27,054	30,225
1931	2,483	11,755	13,849	28,087	1,440	835	10,920	23,700	25,187
1932	2,900	11,511	6,213	20,624	1,006	636	10,875	17,370	18,524
1933	2,100	6,904	17,901	26,905	882	524	6,380	23,006	24,392
1934	2,513	5,719	15,332	23,564	1,293	445	5,274	20,720	21,383
1935	2,181	14,914	15,388	32,483	1,388	771	14,143	26,544	29,152
1936	3,331	5,331	26,096	34,758	732	331	5,000	30,340	31,419
1937	3,339	7,070	17,861	28,270	580	314	6,756	25,870	26,071
1938	2,199	8,032	18,744	28,975	1,353	533	7,499	25,569	26,679
1939	2,296	19,606	13,212	35,114	2,012	963	18,643	30,078	31,203
1940	3,911	30,924	11,198	46,033	2,271	1,232	29,692	36,643	38,661
1941	7,372	32,133	23,226	62,731	2,962	1,454	30,679	51,195	56,545
1942	6,186	40,976	6,326	53,488	3,815	1,922	39,054	44,257	49,070
1943	4,418	50,009	16,786	71,213	1,810	1,217	48,792	54,602	59,024
1944	12,189	21,665	5,052	38,906	2,380	1,178	20,487	32,861	35,835
1945	3,071	34,557	3,402	41,030	1,656	1,015	33,542	29,351	34,404
1946	6,626	22,585	1,340	30,551	2,570	1,218	21,367	24,597	28,860
1947	1,691	40,536	699	42,926	3,075	1,678	38,858	30,083	35,709
1948 <sup>4</sup>	7,217	54,629	<sup>4</sup> 4,056	57,690	3,451	1,968	52,561	37,311	38,331
1949 <sup>5</sup>	19,359	43,664	<sup>4</sup> 1,989	61,034	2,654	1,601	42,063	37,395	44,249
1950 <sup>5</sup>	16,785	35,224							

<sup>1</sup> Included in total used for seed.<sup>2</sup> From domestic and imported seed.<sup>3</sup> Total supply minus stocks July 1 following year.<sup>4</sup> Net exports.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from reports of this Bureau, the Production and Marketing Administration, and the Bureau of the Census. Farm disposition relates to the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 174.—*Flaxseed crushed, and production, imports, and exports of linseed oil, cake and meal, United States, 1940-49*

Year beginning July—	Flaxseed crushed					Linseed oil			Linseed cake and meal		
	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	Total	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1940.....	6,948	10,083	10,226	9,386	36,643	707,230	69	5,262	652	1	4
1941.....	12,175	13,070	13,425	12,526	51,195	988,287	56	41,285	911	(?)	7
1942.....	11,658	12,255	10,679	9,665	44,257	849,160	55,584	83,764	790	(?)	10
1943.....	12,103	15,484	14,527	12,488	54,602	1,046,972	84,580	294,359	975	1	1
1944.....	13,324	8,534	6,428	4,575	32,861	633,109	27,112	185,778	585	10	1
1945.....	5,872	9,710	7,099	6,670	29,351	588,520	93,826	52,606	511	3	(?)
1946.....	8,840	6,268	4,908	4,581	24,597	485,265	168,251	933	432	(?)	2
1947.....	5,392	8,521	7,835	8,335	30,083	594,658	13,796	41,739	528	7	13
1948 <sup>1</sup> .....	11,050	9,257	8,842	8,162	37,311	736,574	2,243	13,990	669	4	66
1949 <sup>2</sup> .....	11,375	9,916	8,265	7,839	37,395	728,098	85	4,778	694	10	11

<sup>1</sup> Each quarterly and annual figure is rounded directly from original data stated in tons.

<sup>2</sup> Less than 500 tons.

<sup>3</sup> Includes 48,581,000 pounds reported in imports for consumption and in re-exports in 1945; 14,118,000 pounds in 1947.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of linseed cake and meal computed by the Department of Agriculture through 1948; reported by Bureau of the Census beginning January 1949. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census. Data for earlier years in 1934 Yearbook, table 91, and Agricultural Statistics, 1944, table 160.

TABLE 175.—*Linseed oil and meal: Average price, New York and Minneapolis, 1940-49*

Year beginning July—	Oil, per pound		Meal, per ton		Year beginning July—	Oil, per pound		Meal, per ton	
	New York <sup>1</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>		New York <sup>1</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1940.....	9.5	8.6	25.35	27.04	1945.....	<sup>5</sup> 15.5	14.3	51.04	47.50
1941.....	12.1	11.1	34.24	37.42	1946.....	30.7	29.9	86.40	80.65
1942.....	14.2	13.3	42.91	42.43	1947.....	30.8	29.5	93.68	84.66
1943.....	15.2	14.4	49.00	45.33	1948.....	28.9	26.8	78.30	68.65
1944.....	15.1	14.3	49.00	45.50	1949.....	19.5	17.7	80.20	68.20

<sup>1</sup> Raw oil, drums, carlots; prior to May 1940 reported in barrels. <sup>2</sup> Raw oil in tank cars.

<sup>3</sup> Bagged, carlots, 34 percent protein; prior to January 1943 protein content varied from 30 to 34 percent.

<sup>4</sup> Bagged, carlots, 32 to 34 percent protein; prior to October 1944 protein content varied from 34 to 37 percent.

<sup>5</sup> Nonreturnable drums.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration, Minneapolis Daily Market Record, and the Oil, Paint, and Drug Reporter, New York City.

TABLE 176.—*Peanuts: Acreage, yield, production, season average price per pound received by farmers, value, and foreign trade, United States, 1929-49*

Crop of—	Total planted acreage <sup>1</sup>	Acreage grown alone for all purposes	Acreage not picked and threshed <sup>2</sup>	Peanuts picked and threshed <sup>3</sup>					Foreign trade, year beginning July <sup>4</sup>		
				Acreage harvested	Yield per acre	Production	Price	Farm value	Domestic exports	Imports <sup>5</sup>	Net imports <sup>6</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	2,064	1,627	802	1,262	711.7	898,197	3.73	33,533	3,679	15,437	9,844
1930.....	1,881	1,433	808	1,073	649.9	697,350	3.51	24,462	2,645	14,040	8,758
1931.....	2,299	1,773	859	1,440	733.2	1,055,815	1.62	17,144	3,345	2,304	7 2,715
1932.....	2,649	2,042	1,148	1,501	627.0	941,195	1.55	14,587	5,128	358	7 4,992
1933.....	2,350	1,717	1,133	1,217	673.5	819,620	2.85	23,328	1,103	600	7 503
1934.....	2,627	2,015	1,113	1,514	670.0	1,014,385	3.28	33,293	301	365	64
1935.....	2,546	1,972	1,049	1,497	770.1	1,152,795	3.14	36,181	284	315	31
1936.....	2,741	2,127	1,081	1,660	759.0	1,260,020	3.72	46,931	256	2,046	1,790
1937.....	2,542	1,967	1,004	1,538	801.5	1,232,755	3.30	40,630	741	3,480	2,739
1938.....	2,803	2,236	1,111	1,692	761.7	1,288,740	3.27	42,126	605	8,462	7,857
1939.....	3,106	2,563	1,198	1,908	636.0	1,213,110	3.40	41,224	601	8,661	8,060
1940.....	3,108	2,599	1,056	2,052	861.0	1,766,590	3.33	58,850	637	6,409	5,772
1941.....	2,945	2,451	1,045	1,900	776.0	1,475,205	4.66	68,746	6,071	2,834	7 3,237
1942.....	4,701	4,329	1,346	3,355	654.0	2,192,800	6.08	133,248	3,224	4,024	800
1943.....	5,150	4,775	1,622	3,528	617.0	2,176,420	7.12	155,025	20,625	1,860	7 18,765
1944.....	4,113	3,831	1,045	3,068	678.0	2,080,825	8.04	167,352	22,088	57,715	35,627
1945.....	4,100	3,844	940	3,160	646.0	2,042,235	8.27	168,878	62,767	34,639	7 28,128
1946.....	4,173	3,917	1,031	3,142	649.0	2,038,355	9.10	185,399	9249,460	3	7 249,457
1947.....	4,366	4,112	986	3,380	646.0	2,182,895	10.1	220,360	530,848	21	7 531,827
1948.....	4,146	3,920	835	3,311	706.0	2,338,470	10.5	246,495	739,276	9	7 739,267
1949 <sup>10</sup> .....	3,091	2,882	759	2,332	804.0	1,875,825	10.4	194,339	-----	-----	-----

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres. <sup>2</sup> Mostly hogged.<sup>3</sup> For data on peanut vine hay, see table 377.<sup>4</sup> Compiled from reports of the Department of Commerce. Trade data are on the basis of "in the shell," converted at ratio of 1 to 1½ through 1944; beginning 1945, ratio of 1 to 1.55.<sup>5</sup> General imports 1929-32; imports for consumption beginning 1933.<sup>6</sup> General imports minus total exports (domestic plus foreign) 1929-32; beginning 1933, imports for consumption minus domestic exports.<sup>7</sup> Net exports.<sup>8</sup> Excludes 3,371,850 pounds "free for export."<sup>9</sup> Beginning January 1947 includes exports under the Army Civilian Supply Program.<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 239.

TABLE 177.—*Peanuts: Production, seed used, and farm disposition, United States, 1940-49*

Crop of—	Production, picked and threshed	Total used for seed	Farm disposition			
			Used on farms where grown			Sold <sup>1</sup>
			For seed	Fed and lost	Household use	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	1,766,590	150,554	104,624	20,735	38,525	1,602,706
1941.....	1,475,205	266,449	132,131	17,087	33,323	1,292,664
1942.....	<sup>2</sup> 2,192,870	287,920	177,765	30,275	41,925	1,942,905
1943.....	<sup>2</sup> 2,176,500	239,503	150,555	14,962	40,844	1,970,139
1944.....	2,080,825	240,097	152,828	23,792	34,110	1,870,095
1945.....	2,042,235	232,101	147,478	22,615	32,090	1,840,052
1946.....	2,038,355	245,200	154,435	25,985	33,892	1,824,043
1947.....	2,182,895	277,660	129,980	26,776	31,329	1,994,810
1948.....	2,338,470	179,061	99,208	25,381	30,316	2,183,565
1949 <sup>3</sup> .....	<sup>2</sup> 1,853,140	160,769	87,792	23,192	29,396	1,712,760

<sup>1</sup> Farm sales weight basis and includes seed sold. <sup>2</sup> Unrevised; see also table 176.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-38 in Agricultural Statistics, 1942, table 239.

TABLE 178.—*Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1938-47, annual 1948 and 1949*

State and area	Total planted acreage <sup>1</sup>			Acreage not picked and threshed <sup>2</sup>			Peanuts picked and threshed <sup>4</sup>											
							Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Virginia.....	154	166	141	3	2	3	151	164	138	1,168	1,450	1,420	176,183	237,800	195,960	7.0	11.0	11.1
North Carolina.....	292	315	249	18	20	13	274	295	236	1,124	1,175	1,030	305,596	346,625	243,080	7.0	10.8	10.7
Tennessee.....	8	5	5	-----	-----	-----	8	5	5	760	800	825	6,065	4,000	4,125	6.8	12.4	11.5
Total (Virginia-North Carolina area).....	455	486	395	22	22	16	433	464	379	1,131	1,268	1,169	487,844	588,425	443,165	7.02	10.9	10.9
South Carolina.....	37	30	27	8	4	5	29	26	22	601	700	650	17,332	18,200	14,300	7.2	11.0	11.3
Georgia.....	1,373	1,548	1,145	460	379	345	912	1,169	800	696	700	765	629,877	818,300	612,000	6.3	10.6	10.4
Florida.....	346	342	274	249	232	207	96	110	67	629	775	765	60,450	85,250	51,255	5.8	9.9	10.0
Alabama.....	624	550	465	200	101	115	424	449	350	668	790	830	281,976	354,710	290,500	5.9	10.2	9.9
Mississippi.....	36	21	18	12	6	5	25	15	13	364	400	375	9,036	6,000	4,875	7.2	13.6	14.6
Total (Southeastern area)	2,415	2,491	1,929	928	722	677	1,487	1,769	1,252	677	725	777	998,672	1,282,460	972,930	6.19	10.5	10.3
Arkansas.....	49	13	14	29	5	6	20	8	8	363	450	450	7,147	3,600	3,600	6.7	11.2	12.6
Louisiana.....	28	10	10	17	7	7	10	3	3	336	335	360	3,562	1,005	1,080	7.4	14.0	13.4
Oklahoma.....	201	318	178	36	12	8	166	306	170	472	500	670	75,851	153,000	113,900	6.0	10.5	10.1
Texas.....	702	819	558	106	67	45	596	752	513	454	400	650	265,706	300,800	333,450	5.8	10.2	10.0
New Mexico.....	<sup>4</sup> 8	9	7	-----	-----	-----	<sup>4</sup> 8	9	7	<sup>4</sup> 1,022	1,020	1,100	<sup>4</sup> 7,706	9,180	7,700	<sup>4</sup> 6.6	10.2	10.3
Total (Southwestern area).....	987	1,169	767	188	91	66	799	1,078	701	457	434	656	350,202	467,585	459,730	5.90	10.3	10.1
United States.....	3,856	4,146	3,091	1,138	835	759	2,718	3,311	2,332	692	706	804	1,845,718	2,338,470	1,875,825	6.34	10.5	10.4

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres. Total production may be approximated by multiplying total acreage (each State) by yield per acre of peanuts picked and threshed.

<sup>2</sup> Preliminary.

<sup>3</sup> Mostly hogged.

<sup>4</sup> For data on peanut-vine hay, see table 377.

<sup>5</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 179.—*Peanuts: Acreage and production in specified areas, average 1935-39, annual 1945-49*<sup>1</sup>

Continent and country	Acreage <sup>2</sup>						Production					
	Average 1935-39	1945	1946	1947	1948	1949 <sup>3</sup>	Average 1935-39	1945	1946	1947	1948	1949 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
North America:												
Mexico	33	71	73	83	76		12.2	32.8	36.7	38.8	38.6	
United States	1,659	3,160	3,142	3,380	3,311	2,433	614.7	1,021.1	1,019.2	1,091.4	1,169.2	926.6
Cuba		118	75	86	67	40	<sup>4</sup> 8.4	23.5	29.0	23.5	11.2	8.5
Dominican Republic		44	29	43	42	62	<sup>4</sup> 3.8	10.0	8.9	9.0	10.2	23.5
Total <sup>5</sup>	1,800	3,410	3,340	3,610	3,520	2,650	640.0	1,092.0	1,099.0	1,167.0	1,235.0	1,004.0
Europe:												
Bulgaria <sup>6</sup>	5	3	4	4			2.2	.5	1.3	1.3		
Italy	<sup>4</sup> 2	<sup>7</sup> 7	<sup>7</sup> 7	11	10	9	<sup>4</sup> 1.6	4.9	4.4	7.9	7.2	6.9
Spain	<sup>7</sup> 24	15	16	17			<sup>7</sup> 23.3	10.4	12.1	11.1		
Total (excl. U.S.S.R.) <sup>5</sup>	35	30	30	40	40	40	28.0	16.0	18.0	22.0	23.0	23.0
U.S.S.R. (Europe and Asia)	<sup>4</sup> 29											
Asia:												
Turkey	<sup>7</sup> 3	4	4		6	6	<sup>4</sup> 1.9	1.8	1.9		3.9	3.9
Burma	784	559	572	728	657	379	192.2	126.6	112.0	171.1	161.3	
China <sup>8</sup>	<sup>4</sup> 3,639	3,214	3,944	3,913	3,881	3,958	<sup>4</sup> 2,913.4	2,342.6	3,039.4	2,916.8	3,160.4	3,224.3
Manchuria							<sup>4</sup> 121.6					
French India	<sup>4</sup> 7	7					<sup>4</sup> 5.6	6.1				
French Indochina	<sup>4</sup> 42				20		<sup>4</sup> 16.0					
India	7,535	10,273	10,267	10,079	9,078	9,900	3,295.7	3,881.9	4,018.6	3,820.3	3,441.8	3,680.0
Japan	<sup>4</sup> 19	10	13	18	19		14.6	19.8	19.8	5.3	10.1	9.6
Taiwan	<sup>4</sup> 77	61	126	161	181		38.5	12.7	41.2	51.3	58.8	61.0
Kwantung Leased Territory	<sup>4</sup> 101					734	<sup>4</sup> 91.1					
Indonesia <sup>10</sup>	572	221	326	464			289.1	92.4	116.6	215.5	319.1	346.6
Philippine Republic	18		19	27	34		4.7		3.4	5.6	8.2	
Thailand		16	22	29	15			5.2	8.5	9.7	14.0	
Total (excl. U.S.S.R.) <sup>5</sup>	13,200	14,800	15,600	15,730	14,670	15,530	7,021.0	6,673.0	7,533.0	7,372.0	7,348.0	7,609.0
South America:												
Argentina	<sup>4</sup> 207	351	381	294	304	<sup>11</sup> 469	87.3	174.4	153.3	117.8	132.3	110.0
Brazil		100	84				<sup>7</sup> 14.8	31.5	34.5	55.2	153.2	153.8
Paraguay	<sup>4</sup> 29	14				8	<sup>4</sup> 19.4	4.8	5.0	1.7	1.1	2.3
Uruguay	5	15	15	21	34	55	1.2	5.4	4.8	4.8	10.6	14.3
Total <sup>5</sup>	400	550	550	500	750	920	129.0	223.5	205.0	187.0	304.0	287.0
Africa:												
Anglo-Egyptian Sudan	43						8.1	1.7	6.7	8.6	9.0	
Belgian Congo	<sup>7</sup> 245		534	546	570		<sup>7</sup> 65.1					
Tanganyika	<sup>4</sup> 277						<sup>7</sup> 23.4	7.8	4.7	16.5	9.1	8.2
Uganda	<sup>4</sup> 156	357	336	331	347		<sup>12</sup> 2.2				174.7	
Gambia				210	210	210	<sup>9</sup> 58.1		63.2	78.4	69.4	80.0
Egypt	23	25	25	26	24	27	17.2	20.7	16.9	20.6	19.9	
French Equatorial Africa and Cameroun	<sup>4</sup> 388						<sup>7</sup> 58.8					
French West Africa	<sup>4</sup> 2,955					35	<sup>4</sup> 875.9	506.0	559.4	780.0	760.0	700.0
Madagascar	14	31	30	25			6.6	8.8	8.8	8.0	9.5	7.8
Mozambique							<sup>9</sup> 42.9	<sup>9</sup> 33.3	<sup>9</sup> 26.4	36.4		15.0
Nigeria and Camerouns		2,500	2,500	2,500	2,675		<sup>9</sup> 354.7	616.0	616.0	560.0	616.0	500.0
Angola	18		21	21			6.2	8.4	1.1	1.7	6.1	
Portuguese Guinea <sup>9</sup>							28.0	40.1		42.8		
Southern Rhodesia	6	7	13	8	8	7	1.6	2.6	4.4	2.5	2.4	1.1
Union of South Africa <sup>13</sup>	56		90	139	329		12.0	4.8	13.7	31.2	79.4	67.2
Total <sup>5</sup>	6,120	6,200	6,400	7,050	7,400	7,400	1,692.0	1,576.5	1,695.5	1,981.0	2,079.0	1,849.0

See footnotes at end of table.



TABLE 179.—*Peanuts: Acreage and production in specified areas, average 1935-39, annual 1945-49*<sup>1</sup>—Continued

Continent and country	Acreage <sup>2</sup>						Production					
	Average 1935-39	1945	1946	1947	1948	1949 <sup>3</sup>	Average 1935-39	1945	1946	1947	1948	1949 <sup>4</sup>
Oceania:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Australia.....	<sup>4</sup> 14	19	25	39	35	25	<sup>4</sup> 6.1	11.5	14.9	25.5	17.8	14.7
Total <sup>5</sup> .....	15	20	30	45	40	30	6.5	12.0	15.5	27.0	18.5	15.5
World total.....	21,600	25,100	26,000	27,100	26,500	26,620	9,550.0	9,607.0	10,582.0	10,774.0	11,025.0	10,800.0

<sup>1</sup> Peanuts in the shell. Southern Hemisphere peanut crops, which are harvested from April to June, are combined with those of the Northern Hemisphere harvested from September through December of the same year.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Average of less than 5 years.

<sup>5</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

<sup>6</sup> Beginning with 1945, figures include Southern Dobrudja.

<sup>7</sup> One year only.

<sup>8</sup> Partly estimated prior to 1946.

<sup>9</sup> Export figures.

<sup>10</sup> Java and Madura only through 1947.

<sup>11</sup> Planted acreage.

<sup>12</sup> Exports from Kenya and Uganda.

<sup>13</sup> Production on European farms only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 180.—*Farmers' stock peanuts crushed, shelled oil stock reported crushed, and production, disappearance, and foreign trade in crude peanut oil and meal, United States, 1939-48*

Year beginning September—	Farmers' stock peanuts crushed	Shelled oil stock reported crushed	Production		Disappearance <sup>1</sup>		Foreign trade, year beginning September <sup>2</sup>		
			Crude peanut oil	Peanut cake and meal	Crude peanut oil	Peanut cake and meal	Peanut oil		Peanut cake and meal, imports
							Imports	Exports	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	72,666	31,735	32,483	59,131	31,619	55,620	3,320	3,118	19,850
1940.....	557,855	29,549	173,943	267,770	177,386	259,053	2,341	<sup>3</sup> 5,440	15,754
1941.....	220,217	27,160	76,548	114,382	74,485	126,439	3,309	3,922	13,845
1942.....	390,690	39,575	130,558	200,810	129,662	207,429	45	860	8,285
1943.....	408,186	46,584	135,094	216,367	135,150	215,291	7	172	7,498
1944.....	119,494	<sup>4</sup> 216,526	119,506	199,791	121,624	203,779	0	148	5,187
1945.....	90,204	<sup>4</sup> 202,132	106,701	175,982	104,590	174,467	64	499	5,988
1946.....	263,280	<sup>4</sup> 186,462	149,151	246,399	150,756	246,423	107	1,274	3,098
1947.....	286,124	<sup>4</sup> 133,986	139,070	241,665	140,514	241,490	71	1,550	6,294
1948.....	160,097 <sup>5</sup>	<sup>4</sup> 226,165	143,872	231,487	144,158	231,942	( <sup>5</sup> )	42,885	1,663

<sup>1</sup> Disappearance at producing mills only.

<sup>2</sup> Foreign trade data from reports of the Department of Commerce.

<sup>3</sup> Beginning July 1, 1941, exports reported as peanut oil, edible, and peanut oil, crude; in this tabulation they are added without converting.

<sup>4</sup> Includes edible grade shelled peanuts diverted to crushing.

<sup>5</sup> Less than 500 pounds.

Bureau of Agricultural Economics.

TABLE 181.—*Peanuts and products: Stocks on hand in commercial positions, United States, Sept. 1, 1940-49*

Sept. 1	Farmers' stock peanuts	Shelled edible peanuts	Cleaned peanuts (in shell)	Shelled oil stock	Crude peanut oil <sup>1</sup>	Peanut cake and meal <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	75,382	61,532	8,923	2,448	4,658	14,595
1941.....	48,467	87,423	12,615	1,289	1,215	23,812
1942.....	30,942	51,073	6,478	1,476	3,663	11,255
1943.....	68,063	98,275	10,894	2,162	4,559	4,636
1944.....	65,259	105,332	15,157	12,246	4,493	5,712
1945.....	39,671	94,366	12,526	14,731	2,375	1,724
1946.....	35,539	150,541	19,551	7,178	4,486	2,224
1947.....	29,448	101,980	7,577	10,178	2,881	2,003
1948.....	38,599	79,736	10,387	7,941	1,437	2,178
1949.....	27,046	52,143	8,914	5,223	1,151	1,723

<sup>1</sup> Holdings at producing mills only. Bureau of Agricultural Economics.TABLE 182.—*Farmers' stock peanuts cleaned and shelled: Production, disappearance, and foreign trade of items from cleaning and shelling operations, United States, 1939-48*

Year beginning September—	Farmers' stock peanuts cleaned and shelled	Outturn from cleaning and shelling operations		Disappearance <sup>2</sup>			Foreign trade <sup>3</sup>	
		Cleaned goods (in shell)	Shelled goods <sup>1</sup>		Cleaned goods (in shell)	Shelled goods		Shelled goods
			Edible grade	Oil stock		Edible grade	Oil stock	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	876,436	67,056	514,507	34,581	66,731	485,782	33,581	5,684
1940.....	991,363	75,137	584,385	33,482	71,445	558,494	34,641	3,280
1941.....	909,611	61,302	543,441	29,338	67,439	579,791	29,152	907
1942.....	1,358,594	63,360	843,293	44,233	58,944	796,091	43,546	2,504
1943.....	1,371,535	83,191	799,118	64,142	78,928	792,061	54,058	22,396
1944.....	1,573,636	102,492	835,554	183,957	105,123	844,520	214,414	58,986
1945.....	1,600,230	92,177	869,431	185,652	85,152	813,256	193,205	39,950
1946.....	1,368,437	71,126	718,415	184,412	83,100	766,967	181,412	159,105
1947.....	1,514,924	80,400	747,006	253,093	77,590	769,259	255,330	11
1948.....	1,890,594	76,507	811,668	455,291	77,980	839,261	457,329	1

<sup>1</sup> Edible grades crushed included in oil stock.<sup>2</sup> These figures take into account the stocks at beginning and ending of the year, as shown in table 181, and represent total disappearance including exports.<sup>3</sup> Foreign trade data from reports of the Department of Commerce.

Bureau of Agricultural Economics.

TABLE 183.—*Peanuts (farmers' stock): Average price per pound to growers, f.o.b. country-shipping-point basis, 1940-49 <sup>1</sup>*

Crop year <sup>2</sup>	Virginia-type (Va.-N. C.) <sup>3</sup>	South-eastern Runner	South-eastern Spanish	South-western Spanish	Crop year <sup>2</sup>	Virginia-type (Va.-N. C.) <sup>3</sup>	South-eastern Runner	South-eastern Spanish	South-western Spanish
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1940.....	4½	2.9	3.4	3.1	1945.....	8.0	7.8	8.6	8.3
1941.....	6½	5.1	6.0	4.5	1946.....	10.4	8.4	9.4	8.4
1942.....	8.2	7.2	8.0	7.4	1947.....	10.9	9.6	10.5	9.9
1943.....	7.6	6.8	7.4	6.8	1948.....	10.8	10.3	10.9	10.6
1944.....	8.7	7.6	8.4	8.2	1949 <sup>4</sup> .....	12.0	10.0	10.8	10.2

<sup>1</sup> Prices for 1943-49 are based on percentage of sound mature kernels, damage, and other factors listed in CCC support schedule of prices, and are net weight for the peanuts, not including foreign material and dirt.<sup>2</sup> Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September in the Southeastern States, and in August in the Southwestern States.<sup>3</sup> Prices for 1940-42 are for Bunch.<sup>4</sup> Preliminary.

Production and Marketing Administration.

TABLE 184.—Peanut oil and meal: Average price at specified markets, 1939-48

Year beginning October—	Oil, per pound		Meal, per ton <sup>3</sup>	Year beginning October—	Oil, per pound		Meal, per ton <sup>3</sup>
	Crude, f.o.b. south- eastern milling points <sup>1</sup>	Refined edible, New York <sup>2</sup>	F.o.b. south- eastern milling points		Crude, f.o.b. south- eastern milling points <sup>1</sup>	Refined edible, New York <sup>2</sup>	F.o.b. south- eastern milling points
	Cents	Cents	Dollars		Cents	Cents	Dollars
1939.....	6.2	9.4	29.36	1944.....	13.0	16.5	53.08
1940.....	7.8	10.6	25.55	1945.....	13.0	16.5	61.10
1941.....	12.7	16.6	40.57	1946.....	25.9	33.2	74.10
1942.....	13.0	16.6	40.57	1947.....	27.4	35.2	83.20
1943.....	13.0	16.4	53.00	1948.....	15.9	22.3	65.50

<sup>1</sup> Quoted in tanks.<sup>2</sup> Quoted in barrels through April 1943; beginning May 1943 in drums.<sup>3</sup> 45 percent protein.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration, the New York Journal of Commerce, and the Oil, Paint, and Drug Reporter, New York City.

TABLE 185.—Peanuts: Average price per pound of cleaned and shelled peanuts for prompt shipment, f.o.b. important shipping points, 1939-48, by approximate crop years<sup>1</sup>

## VIRGINIA-NORTH CAROLINA SECTION: VIRGINIA AND NORTH CAROLINA

Classification	1939	1940	1941	1942 <sup>2</sup>	1943 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947	1948
Cleaned Virginias:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Jumbo.....	6¾	6.8	9¼	14¾	15¼	15¼	15¼	19½	19¼	18½
Fancy.....	5½	6½	8½	14¼	15	15.1	15½	17½	15½	16
Shelled Virginias:										
Extra large.....	8.10	8.9	12¾	16¾	16¼	16¼	16¾	22¼	20½	21½
Medium.....	6¾	8	12½	15¾	16	16¼	16¾	20½	19½	20
No. 1.....	5½	6½	12¼	14¾	14¾	14¾	14¾	17¼	17½	17½
No. 2.....	5	5½	10¾	13½	14.1	( <sup>3</sup> )	( <sup>3</sup> )	14¾	( <sup>4</sup> )	( <sup>5</sup> )

## SOUTHEASTERN SECTION: GEORGIA, ALABAMA, AND FLORIDA

Shelled:										
Spanish, No. 1.....	5½	5½	10½	13.7	14.2	14¼	14¾	15¾	16½	16¾
Spanish, No. 2.....	5.10	5.3	9½	13.2	13.6	( <sup>3</sup> )	( <sup>3</sup> )	15¾	( <sup>4</sup> )	( <sup>5</sup> )
Runner, No. 1.....	5½	6½	10	13.3	13.9	14	14	15¾	16½	16¾
Runner, No. 2.....	5	5.2	9½	12.8	13.2	( <sup>3</sup> )	( <sup>3</sup> )	15¾	( <sup>4</sup> )	( <sup>5</sup> )

## SOUTHWESTERN SECTION: TEXAS AND OKLAHOMA

Shelled:										
Spanish, No. 1.....	6	5.7	9½	13.9	14½	14½	14½	15½	16½	16¾
Spanish, No. 2.....	5½	5½	8½	13.1	14.2	( <sup>3</sup> )	( <sup>3</sup> )	13¾	( <sup>4</sup> )	( <sup>5</sup> )

<sup>1</sup> Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September in the Southeastern States, and in August in the Southwestern States.<sup>2</sup> The Office of Price Administration on Feb. 27, 1943, established per-pound ceiling prices as follows: Virginia-North Carolina cleaned Virginias jumbo and fancy, 15½ cents; shelled Virginias extra large and medium, 16½ cents; No. 1's, 14½ cents; Southeastern shelled No. 1 Spanish, 14½ cents; Runners, 14 cents; Southwestern shelled Spanish No. 1's, 14½ cents. Price ceilings were suspended July 1-26, 1946, and lifted entirely on Sept. 1, 1946.<sup>3</sup> Under peanut program all No. 2's from 1944 and 1945 crops were crushed. CCC offered to purchase unworked No. 2's at following prices per lb.: Spanish, east of Mississippi River, 12.4 cents; west of Mississippi River 12.65 cents; Runners, 12.15 cents; Virginias, 12.9 cents; or to pay subsidy for No. 2's sold to crushers as follows, per lb.: Spanish, east of Mississippi River, 6.75 cents; west of Mississippi River, 7.04 cents; Runners, 6.5 cents; and Virginias, 7.5 cents.<sup>4</sup> Under peanut program most No. 2's from 1947 crop were crushed into oil. CCC paid the following prices for unworked No. 2's per lb.: Virginias, 15½ cents; Runners, 14½ cents; Spanish, 14½ cents.<sup>5</sup> Under peanut program most No. 2's from 1948 crop were purchased by CCC for crushing into oil or for export. CCC paid the following prices for unworked No. 2's per lb.: Virginias, 16½ cents; Runners, 15½ cents; Spanish, 15½ cents.

Production and Marketing Administration.

TABLE 186.—*Soybeans: Acreage, yield, production, value, and foreign trade, United States, 1929-49*

Year	Total planted acre- age <sup>1</sup>	Acre- age grown alone for all pur- poses	Acre- age grazed, plowed under, etc. <sup>2</sup>	Soybeans for beans <sup>3</sup>							Foreign trade, year beginning July	
				Acre- age har- vested	Yield per acre	Pro- duc- tion	Season average price per bushel received by farmers	Farm value	Domestic exports	Im- ports		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels		
1929		1,962				8,661						
1929	2,807	2,429	325	708	13.3	9,438	1.88	17,736		75		
1930	3,473	3,072	337	1,074	13.0	13,929	1.37	19,058		50		
1931	4,304	3,835	391	1,141	15.1	17,260	.50	8,589	<sup>4</sup> 1,853	54		
1932	4,165	3,704	426	1,001	15.1	15,158	.54	8,213	<sup>5</sup> 2,758	20		
1933	3,957	3,537	407	1,044	12.9	13,509	.94	12,698		6		
1934		5,692				23,015						
1934	6,207	5,764	424	1,556	14.9	23,157	.99	23,014	<sup>6</sup> 19	5		
1935	7,503	6,966	544	2,915	16.8	48,901	.73	35,565	<sup>3</sup> 3,153	4		
1936	7,183	6,127	1,708	2,359	14.3	33,721	1.27	42,857	<sup>4</sup> 1	17		
1937	7,464	6,332	1,409	2,586	17.9	46,164	.85	39,091	1,332	3		
1938	8,587	7,318	1,828	3,035	20.4	61,906	.67	41,645	3,571	2		
1939		8,965				87,691						
1939	10,920	9,565	2,015	4,315	20.9	90,141	.81	73,049	11,833	2		
1940	11,782	10,487	2,156	4,807	16.2	78,045	.90	70,224	85	1		
1941	11,345	10,068	1,910	5,889	18.2	107,197	1.55	166,042	540	( <sup>9</sup> )		
1942	14,912	13,696	2,397	9,894	19.0	187,524	<sup>6</sup> 1.61	301,137	697	( <sup>9</sup> )		
1943	15,428	14,191	1,854	10,397	18.3	190,133	<sup>6</sup> 1.81	345,032	961	( <sup>9</sup> )		
1944		12,407				187,726						
1944	14,050	13,118	1,235	10,232	18.8	191,958	<sup>6</sup> 2.05	393,474	2,956	( <sup>9</sup> )		
1945	13,777	13,007	1,177	10,661	18.0	192,076	2.08	399,698	5,042	4		
1946	12,427	11,662	1,088	9,806	20.5	201,275	2.57	516,355	<sup>7</sup> 3,842	( <sup>9</sup> )		
1947	13,709	12,956	1,164	11,212	16.4	183,558	3.34	612,290	2,985	( <sup>9</sup> )		
1948	12,538	11,843	948	10,430	21.4	223,006	<sup>6</sup> 2.27	506,555	18,449	7		
1949 <sup>8</sup>	12,082	11,409	998	9,912	22.4	222,305	<sup>6</sup> 2.12	470,773				

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres. <sup>2</sup> For data on soybean hay, see table 377. <sup>3</sup> Inspections for export by Federal licensed inspectors; first reported in October 1931. <sup>4</sup> Not separately classified by Department of Commerce prior to Jan. 1, 1937. <sup>5</sup> Less than 500 bushels. <sup>6</sup> Includes an allowance for unredeemed loans at average loan value; beginning with 1948, also includes an allowance for purchase agreement deliveries valued at the average loan rate per bushel. <sup>7</sup> Includes exports under the Army Civilian Supply Program, beginning January 1947. <sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Most of the foreign trade data from reports of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 247.

TABLE 187.—*Soybeans for beans: Production, seed used, and farm disposition, United States, 1924-49*

Crop of—	Production	Total used for seed	Farm disposition			Crop of—	Production	Total used for seed	Farm disposition		
			Used on farms where grown		Sold				Used on farms where grown		Sold
			For seed	Fed to live- stock					For seed	Fed to live- stock	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1924	4,947	1,900	695	1,207	3,045	1937	46,164	10,947	4,958	3,273	37,933
1925	4,875	2,289	771	1,174	2,930	1938	61,906	14,667	6,036	4,554	51,316
1926	5,239	2,525	900	1,311	3,028	1939	90,141	15,974	8,677	5,365	76,099
1927	6,938	2,687	986	1,631	4,321	1940	78,045	15,141	7,968	4,999	65,078
1928	7,880	2,984	1,081	1,473	5,326	1941	107,197	20,385	9,860	3,925	93,412
1929	9,438	3,762	1,141	1,730	6,567	1942	187,524	20,980	10,224	6,016	171,284
1930	13,929	4,724	1,787	2,763	9,379	1943	190,133	19,758	12,223	5,496	172,414
1931	17,260	4,633	1,719	2,867	12,674	1944	191,958	18,885	11,505	3,598	176,855
1932	15,158	4,490	1,595	2,264	11,299	1945	192,076	16,473	9,673	3,724	178,679
1933	13,509	7,615	1,919	2,111	9,479	1946	201,275	17,137	11,048	2,516	187,711
1934	23,157	10,066	3,335	2,036	17,786	1947	183,558	15,665	10,193	2,315	171,050
1935	48,901	8,875	5,045	3,898	39,958	1948	223,006	15,381	10,099	2,609	210,298
1936	33,721	9,539	4,285	2,741	26,695	1949 <sup>1</sup>	222,305	17,919	10,996	2,933	208,376

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 188.—*Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Total planted acreage <sup>1</sup>			Acreage grazed, plowed under, etc. <sup>2</sup>			Soybeans for beans <sup>3</sup>												Price <sup>4</sup> for crop of—		
							Acreage harvested			Yield per acre			Production								
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
New York.....	16	6	6	2	1	1	10	5	5	14.8	16.0	18.0	156	80	90	1.86	2.31	2.10			
New Jersey.....	34	22	26	6	3	5	10	11	12	15.5	16.5	16.5	147	182	198	1.91	2.30	2.15			
Pennsylvania.....	82	46	42	14	9	7	22	16	16	15.4	16.0	17.0	334	256	272	1.81	2.35	2.05			
Ohio.....	1,055	940	902	49	8	8	844	908	858	19.4	20.5	24.0	16,276	18,614	20,592	1.73	2.30	2.10			
Indiana.....	1,507	1,560	1,576	64	15	24	1,128	1,459	1,442	18.2	22.0	23.0	20,686	32,098	33,166	1.73	2.27	2.10			
Illinois.....	3,401	3,502	3,327	109	24	33	2,852	3,354	3,177	21.2	24.0	26.0	59,831	80,496	82,602	1.72	2.29	2.15			
Michigan.....	145	70	72	29	2	4	91	65	66	16.2	17.5	22.0	1,464	1,138	1,452	1.75	2.21	2.05			
Wisconsin.....	126	40	48	16	5	2	34	15	15	14.5	13.0	16.5	479	195	248	1.83	2.26	2.15			
Minnesota.....	407	863	734	28	6	7	293	844	709	15.0	18.5	17.5	4,452	15,614	12,408	1.74	2.22	2.10			
Iowa.....	1,660	1,616	1,309	48	8	10	1,345	1,564	1,279	19.5	22.5	22.5	25,894	35,100	28,778	1.74	2.26	2.15			
Missouri.....	715	864	953	95	35	48	434	795	857	14.4	20.0	21.0	6,534	15,900	17,997	1.79	2.27	2.10			
North Dakota.....	58	9	14	5	1	1	56	7	12	10.7	13.0	12.0	559	91	144	1.97	2.27	2.14			
South Dakota.....	58	33	31	5	2	1	16	31	29	13.6	18.0	13.0	5209	558	377	1.97	2.15	2.10			
Nebraska.....	31	26	24	4	2	1	23	23	22	14.5	23.0	22.0	338	529	484	1.76	2.23	2.15			
Kansas.....	177	188	250	18	16	8	139	167	237	10.6	15.0	14.5	1,471	2,505	3,436	1.78	2.26	2.05			
Delaware.....	57	60	63	7	7	7	33	41	44	12.8	12.5	15.0	414	512	600	1.67	2.11	1.75			
Maryland.....	79	65	65	11	6	8	28	33	34	13.4	15.5	16.0	372	512	544	1.71	2.23	1.85			
Virginia.....	200	190	203	56	55	63	68	106	117	14.4	16.5	18.0	994	1,749	2,106	1.77	2.23	2.00			
West Virginia.....	41	15	16	4	2	2	1	1	1	12.8	13.5	13.0	14	14	13	2.11	2.55	2.80			
North Carolina.....	569	488	483	171	87	83	212	264	264	11.8	13.5	15.0	2,505	3,564	3,960	1.77	2.21	1.95			
South Carolina.....	82	103	100	41	48	40	12	23	25	7.6	10.0	11.0	97	250	275	2.86	3.22	2.85			
Georgia.....	128	89	99	50	41	41	12	15	14	6.6	7.5	8.0	76	112	112	3.25	3.68	2.80			
Kentucky.....	195	208	238	26	14	29	59	121	119	14.5	19.0	18.5	892	2,299	2,202	1.76	2.28	2.05			
Tennessee.....	333	320	314	162	154	157	39	67	60	12.3	20.0	19.0	525	1,340	1,140	1.98	2.25	2.10			
Alabama.....	287	183	180	52	20	18	23	55	61	10.0	20.0	17.0	266	1,100	1,037	2.74	2.53	2.10			
Mississippi.....	484	323	319	185	87	115	79	133	108	11.8	18.0	15.5	998	2,394	1,674	2.13	2.19	2.10			
Arkansas.....	465	384	396	154	54	61	179	264	291	13.8	19.5	20.0	2,644	5,148	5,820	1.82	2.12	2.00			
Louisiana.....	352	303	267	263	229	207	26	35	25	12.6	14.0	15.0	330	490	375	2.25	2.64	2.50			
Oklahoma.....	22	17	20	8	5	4	6	8	13	6.9	12.0	11.0	38	96	143	2.01	2.34	2.10			
Texas.....	23	5	5	8	3	3															
United States.....	12,694	12,538	12,082	1,682	948	998	8,025	10,430	9,912	18.7	21.4	22.4	148,381	223,006	222,305	1.74	2.27	2.12			

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.

<sup>2</sup> Preliminary.

<sup>3</sup> For data on soybean hay, see table 377.

<sup>4</sup> For certain years, prices include an allowance for unredeemed loans at

average loan value; 1948 and 1949 prices also include an allowance for purchase agreement deliveries valued at the average loan rate per bushel.

<sup>5</sup> Short-time average.

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SOYBEANS

TABLE 189.—*Soybeans: Acreage, yield per acre, and production in specified countries, average 1935-39, annual 1946-49*<sup>1</sup>

Continent and country	Acreage <sup>2</sup>					Yield per acre					Production				
	Average 1935-39	1946	1947	1948	1949 <sup>3</sup>	Average 1935-39	1946	1947	1948	1949 <sup>3</sup>	Average 1935-39	1946	1947	1948	1949 <sup>3</sup>
North America:	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Canada.....	<sup>4</sup> 10	59	61	94	104	20.7	18.1	18.2	19.4	25.1	<sup>4</sup> 207	1,072	1,110	1,824	2,605
United States <sup>5</sup> .....	3,042	9,806	11,212	10,430	9,912	18.5	20.5	16.4	21.4	22.4	56,167	201,275	183,558	223,006	222,305
Europe:															
Bulgaria.....	34	45	75	-----	-----	12.1	5.2	5.1	-----	-----	416	234	385	-----	-----
Hungary.....	<sup>6</sup> 7	5	8	6	-----	16.9	10.4	10.1	15.1	-----	<sup>6</sup> 125	56	81	90	-----
Italy.....	( <sup>7</sup> )	2	7	5	3	12.1	15.8	20.9	21.9	18.3	<sup>4</sup> 1	27	150	107	52
Rumania.....	<sup>4</sup> 49	-----	-----	-----	-----	9.5	-----	-----	-----	-----	<sup>4</sup> 463	-----	-----	-----	-----
U.S.S.R. (Europe and Asia).....	<sup>6</sup> 607	-----	-----	-----	-----	-----	-----	-----	-----	-----	<sup>6</sup> 5,805	-----	-----	-----	-----
Asia:															
Turkey.....	<sup>6</sup> 1	-----	5	5	5	29.0	-----	10.8	15.3	10.6	<sup>6</sup> 37	16	55	71	50
China proper (22 provinces).....	<sup>8</sup> 12,411	11,599	11,641	11,309	11,762	16.7	17.0	17.3	18.6	15.2	<sup>8</sup> 207,666	196,610	201,322	210,820	179,200
Manchuria.....	8,992	7,187	6,662	-----	5,500	16.8	17.1	17.9	-----	12.0	151,294	122,639	119,059	-----	66,000
Japan.....	<sup>4</sup> 812	571	607	584	648	15.4	13.0	11.8	13.8	13.7	12,499	7,418	7,161	8,085	8,892
Taiwan.....	<sup>4</sup> 17	-----	-----	-----	-----	8.9	-----	-----	-----	-----	<sup>4</sup> 151	-----	-----	-----	-----
Korea <sup>9</sup> .....	<sup>4</sup> 1,921	561	568	487	658	10.0	8.8	8.2	10.1	10.0	17,654	4,924	4,666	4,924	6,654
Indonesia <sup>10</sup> .....	889	583	700	900	712	10.9	7.6	9.6	10.5	10.2	9,731	4,406	6,719	9,406	7,275
Africa:															
Tanganyika.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15	27	97	36
Union of South Africa.....	-----	9	7	11 13	11 15	-----	6.6	6.6	5.0	5.3	-----	56	44	67	80
World total <sup>12</sup> .....	29,100	32,100	33,250	31,650	31,100	-----	-----	-----	-----	-----	464,300	550,700	537,000	562,200	507,100

<sup>1</sup> Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested in the latter part of the same year.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Average of less than 5 years.

<sup>5</sup> Acreage harvested for beans.

<sup>6</sup> One year only.

<sup>7</sup> Less than 500 acres.

<sup>8</sup> Partly estimated.

<sup>9</sup> Beginning with 1946 figures represent South Korea only.

<sup>10</sup> Java and Madura.

<sup>11</sup> Planted acreage.

<sup>12</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Preliminary estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 190.—*Soybeans for beans: Production, seed used, and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948					Crop of 1949 <sup>1</sup>				
	Pro- duction	Total used for seed	Farm disposition			Pro- duction	Total used for seed	Farm disposition		
			Used on farms where grown		Sold			Used on farms where grown		Sold
			For seed	Fed to livestock				For seed	Fed to livestock	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	80	8	2	48	30	90	8	2	54	34
New Jersey.....	182	47	17	30	135	198	52	18	34	146
Pennsylvania.....	256	76	30	68	158	272	83	33	82	157
Ohio.....	18,614	1,533	1,150	242	17,222	20,592	1,717	1,202	309	19,081
Indiana.....	32,098	2,364	1,678	385	30,035	33,166	2,601	1,821	398	30,947
Illinois.....	80,496	4,325	3,287	402	76,807	82,602	4,888	3,422	248	78,932
Michigan.....	1,138	115	68	46	1,024	1,452	138	76	73	1,303
Wisconsin.....	195	62	30	37	128	248	75	34	50	164
Minnesota.....	15,614	954	677	203	14,734	12,408	1,479	887	223	11,298
Iowa.....	35,190	1,571	895	282	34,013	28,778	1,885	1,037	489	27,252
Missouri.....	15,900	1,048	597	159	15,144	17,997	1,197	658	180	17,159
North Dakota.....	91	14	7	2	82	144	23	9	4	131
South Dakota.....	558	34	19	8	531	377	51	26	6	345
Nebraska.....	529	29	17	5	507	484	36	20	7	457
Kansas.....	2,505	175	122	25	2,358	3,436	210	136	52	3,248
Delaware.....	512	113	71	5	436	660	119	71	79	510
Maryland.....	512	117	53	82	377	544	130	58	65	421
Virginia.....	1,749	264	164	86	1,499	2,106	285	171	63	1,872
West Virginia.....	14	29	3	4	7	13	29	3	4	6
North Carolina.....	3,564	580	325	164	3,075	3,960	593	326	190	3,444
South Carolina.....	230	80	40	25	165	275	90	45	33	197
Georgia.....	112	79	43	6	63	112	89	44	6	62
Kentucky.....	2,299	381	210	46	2,043	2,202	357	196	44	1,962
Tennessee.....	1,340	283	110	20	1,210	1,140	294	103	23	1,014
Alabama.....	1,100	162	16	6	1,078	1,037	181	18	5	1,014
Mississippi.....	2,394	383	268	84	2,042	1,674	498	299	84	1,291
Arkansas.....	5,148	356	160	77	4,911	5,820	595	238	87	5,495
Louisiana.....	490	187	37	60	393	375	201	40	38	297
Oklahoma.....	96	10	3	2	91	143	10	3	3	137
Texas.....	-----	2	-----	-----	-----	-----	5	-----	-----	-----
United States	223,006	15,381	10,099	2,609	210,298	222,305	17,919	10,996	2,933	208,376

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 191.—*Soybeans: Stocks on and off farms, United States, 1942-50*

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1942.....	-----	-----	8,447	3,100	-----	-----	15,155	2,909
1943.....	88,246	54,399	13,733	4,555	81,407	61,956	33,642	7,982
1944.....	56,211	39,080	10,606	4,612	109,596	69,484	37,188	9,541
1945.....	42,330	27,773	7,598	2,928	115,814	81,888	38,776	4,810
1946.....	43,267	29,872	6,802	2,118	110,650	68,077	30,306	2,208
1947.....	37,374	25,475	6,389	2,236	117,459	75,292	33,651	3,125
1948.....	51,679	33,110	4,311	1,838	90,274	55,315	27,524	726
1949.....	75,504	52,279	9,505	2,147	107,173	62,773	30,761	960
1950 <sup>3</sup>	61,908	44,014	6,832	-----	117,547	75,644	39,022	-----

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, processing plants, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

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TABLE 192.—*Soybeans: Supply and distribution, United States, 1942-49*

Year beginning October—	Stocks, Oct. 1 <sup>1</sup>						Production	Total supply
	On farms	Interior mills and elevators	CCC bins	Crushing plants	Terminal markets	Total stocks		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1942.....	3,100	928	0	1,120	861	6,009	187,624	193,533
1943.....	4,555	668	1,819	4,763	732	12,537	190,133	202,670
1944.....	4,612	1,128	1,876	5,214	1,323	14,153	191,868	206,111
1945.....	2,928	447	0	3,548	815	7,738	192,076	199,814
1946.....	2,118	288	0	1,783	157	4,326	201,275	205,601
1947.....	2,236	244	0	2,813	68	5,361	183,558	188,919
1948.....	1,838	128	0	468	130	2,664	223,006	225,570
1949.....	2,147	213	0	285	462	3,107	222,305	225,412

  

DISTRIBUTION					
Year beginning October—	Used for seed	Crushed <sup>2</sup>	Feed and residual	Net exports <sup>3</sup>	Total disappearance
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1942.....	20,980	133,453	25,659	904	180,996
1943.....	19,758	142,307	25,518	934	188,517
1944.....	18,885	153,402	21,033	5,053	198,373
1945.....	16,473	159,459	16,744	2,812	195,488
1946.....	17,137	170,245	9,016	3,842	200,240
1947.....	15,665	161,397	6,350	2,943	186,355
1948.....	15,381	183,664	414	23,004	222,463

<sup>1</sup> Data on stocks (except at crushing plants) not available prior to 1942.<sup>2</sup> Reported by the Bureau of the Census.<sup>3</sup> Imports negligible.

Production and Marketing Administration.

TABLE 193.—*Soybeans: Receipts graded by licensed inspectors, by grade, United States, 1940-48*

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1940.....	555	20,646	22,650	4,182	1,461	49,494	43
1941.....	4,729	18,549	31,292	8,472	4,092	67,134	35
1942.....	12,952	21,488	18,877	14,523	43,043	110,883	31
1943.....	66,525	41,528	13,152	1,831	1,054	124,090	87
1944.....	72,217	47,164	12,754	2,965	1,523	136,613	88
1945.....	99,988	26,873	8,016	2,048	832	137,757	92
1946.....	36,344	57,478	31,101	8,286	1,612	134,821	70
1947.....	70,944	45,217	12,019	3,395	1,817	133,392	87
1948.....	40,447	96,802	37,111	6,792	2,100	183,252	76

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1940-43 and 1,650 bushels for the years 1944-48.



TABLE 194.—*Soybeans crushed, and production, imports, and exports of soybean oil, cake and meal, United States, 1940-49*

Year beginning October—	Soybeans crushed					Soybean oil, crude basis			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total <sup>1</sup>	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1940.....	17,600	17,495	15,830	13,131	64,056	564,417	2,834	14,424	1,543	8	25
1941.....	19,238	20,500	18,499	18,894	77,131	706,678	( <sup>2</sup> )	20,585	1,845	—	20
1942.....	25,095	38,455	41,236	28,667	133,454	1,206,186	—	44,101	3,200	—	21
1943.....	30,357	43,274	36,834	31,842	142,306	1,219,453	—	58,757	3,446	—	16
1944.....	32,976	40,839	42,159	37,428	153,402	1,346,704	—	67,154	3,698	—	10
1945.....	37,788	47,264	40,374	34,033	159,460	1,414,712	( <sup>3</sup> )	73,928	3,837	( <sup>4</sup> )	1
1946.....	41,704	49,599	44,252	34,690	170,246	1,531,096	5	91,454	4,085	—	142
1947.....	41,466	46,195	40,147	33,589	161,397	1,534,329	306	115,119	3,833	—	96
1948 <sup>4</sup> .....	46,774	49,381	46,660	40,849	183,664	1,806,854	363	299,627	4,328	3	151
1949 <sup>4</sup> .....	51,950	50,487	47,991	—	—	—	—	—	—	—	—

<sup>1</sup> Not necessarily exactly equal to the sum of the quarters, as each quarterly and annual figure is computed directly from original data stated in tons.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> Less than 500 tons.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Crashings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of soybean cake and meal computed by the Department of Agriculture through 1948; reported by Bureau of the Census beginning January 1949. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census.

TABLE 195.—*Soybeans, soybean oil, and meal: Average price at specified markets, 1939-48*

Year beginning October—	Soybeans, per bushel	Oil, domestic, per pound		Meal, per ton	Year beginning October—	Soybeans, per bushel	Oil, domestic, per pound		Meal, per ton
	No. 2 Yellow, Chicago <sup>1</sup>	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago		No. 2 Yellow, Chicago <sup>1</sup>	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1939.....	0.96	4.95	7.51	28.90	1944.....	2.20	11.75	15.33	52.00
1940.....	1.06	7.04	9.90	30.49	1945.....	2.13	11.91	15.96	62.39
1941.....	1.68	11.22	14.64	41.87	1946.....	3.04	22.86	28.57	81.10
1942.....	1.72	11.75	14.82	42.80	1947.....	3.80	23.76	29.54	91.61
1943.....	1.90	11.75	15.07	51.91	1948.....	2.45	13.10	18.46	76.39

<sup>1</sup> Prices are weighted by carlot sales.

Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin; Chicago Journal of Commerce; The National Provisioner; Oil, Paint and Drug Reporter; New York Journal of Commerce; and reports of Production and Marketing Administration. Data for earlier years available in 1930 Yearbook, table 299, and Agricultural Statistics, 1940, table 406. Imported oil prices for 1910-31 in 1935 Yearbook, table 280.

TABLE 196.—*Soybean futures: Volume of trading and annual average of month-end open contracts on all contract markets<sup>1</sup>, and highest and lowest prices per bushel, Chicago Board of Trade, 1940-49*

Year beginning October—	Volume of trading	Average of open contracts	Chicago Board of Trade price		Year beginning October—	Volume of trading	Average of open contracts	Chicago Board of Trade price	
			Highest	Lowest				Highest	Lowest
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Cents</i>	<i>Cents</i>		<i>Million bushels</i>	<i>Million bushels</i>	<i>Cents</i>	<i>Cents</i>
1940.....	877.9	<sup>2</sup> 10.5	202	72	1945.....	( <sup>3</sup> )	( <sup>3</sup> )	—	—
1941.....	416.8	5.5	205½	147	1946 <sup>4</sup> .....	3.6	0.7	350	265
1942 <sup>5</sup> .....	3.5	.3	186¼	156	1947 <sup>5</sup> .....	93.8	3.5	441	232½
1943.....	( <sup>3</sup> )	( <sup>3</sup> )	—	—	1948.....	2,098.7	23.0	283¾	192¾
1944.....	( <sup>3</sup> )	( <sup>3</sup> )	—	—	1949 <sup>6</sup> .....	3,873.2	57.1	345½	191¼

<sup>1</sup> Chicago Board of Trade and Chicago Open Board of Trade.

<sup>2</sup> 10-month average. Open contract figures from daily reports from exchange clearing members not available prior to Dec. 9, 1940.

<sup>3</sup> Trading suspended February 19, 1943.

<sup>4</sup> Trading resumed on Chicago Board of Trade July 7, 1947.

<sup>5</sup> Trading resumed on Chicago Open Board of Trade July 29, 1948.

<sup>6</sup> Includes data for Minneapolis Grain Exchange from Sept. 20, 1950, when trading began.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members beginning Dec. 9, 1940; prior trading data compiled from records of exchanges; prices compiled from records of the Chicago Board of Trade.

TABLE 197.—*Olive oil, edible: Estimated production in the Mediterranean Basin, average 1940-41 to 1944-45, annual 1945-46 to 1949-50*

Country	Average 1940-41 to 1944-45	1945-46	1946-47	1947-48	1948-49 <sup>1</sup>	1949-50 <sup>1</sup>
Europe:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
France.....	6,700	5,500	4,400	5,500	2,500	10,000
Greece.....	91,900	107,000	91,300	159,800	50,000	165,000
Italy.....	210,400	110,000	165,000	284,100	132,300	220,500
Portugal.....	62,600	44,700	49,200	102,900	35,000	100,000
Spain.....	342,800	176,400	496,000	578,700	156,900	330,000
Yugoslavia.....	2,900	2,000	5,300	4,000	2,500	—
Middle East:						
Palestine.....	7,000	11,700	1,600	3,300	3,000	—
Syria.....	12,800	16,000	8,800	17,900	14,300	16,500
Lebanon.....	—	7,500	1,300	10,000	8,800	7,700
Turkey.....	31,500	35,200	35,300	62,900	33,100	38,600
Africa:						
Algeria.....	17,200	8,800	22,000	14,600	25,000	30,000
French Morocco.....	12,200	5,500	19,800	20,000	7,500	11,000
Tunisia.....	44,100	8,800	20,900	19,800	46,300	100,000
Libya.....	2,500	2,200	800	1,000	1,700	8,000
Total.....	845,200	541,300	921,700	1,274,500	518,900	1,044,800

<sup>1</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 198.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 States; and tung oil, production and foreign trade, United States, 1940-49*

Year	Tung nuts <sup>1</sup>			Tung oil				
	Production	Price	Farm value	Production	Imports for consumption	Exports	Re-exports	Net imports or net exports(—)
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	11,000	60.00	660	62	97,049	-----	4,481	92,568
1941.....	8,750	88.30	773	3,533	43,800	-----	3,102	40,698
1942.....	16,350	91.80	1,501	2,290	8,269	1,017	83	7,169
1943.....	6,200	99.00	614	5,310	68	1,567	30	—1,529
1944.....	26,680	102.00	2,730	2,558	1,771	1,481	86	204
1945.....	37,080	98.90	3,667	10,353	339	1,457	252	—1,370
1946.....	57,400	96.90	5,564	11,046	36,207	493	795	34,919
1947.....	53,200	64.90	3,452	12,680	121,564	2,143	5,094	114,327
1948.....	58,500	49.10	2,873	16,837	133,282	2,973	7,556	122,753
1949 <sup>2</sup> .....	88,000	62.30	5,480	19,475	64,968	2,515	7,766	54,687

<sup>1</sup> Data on tung nuts in Georgia, Florida, Alabama, Mississippi, and Louisiana.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data on tung oil from reports of the Bureau of the Census.

TABLE 199.—*Tung nuts: Production and season average price per ton received by growers, 5 principal States, average 1939-47, annual 1948 and 1949*

State	Production <sup>1</sup>			Price for crop of—		
	Average 1939-47	1948	1949 <sup>2</sup>	Average 1939-47	1948	1949 <sup>2</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Georgia <sup>3</sup> .....	846	800	1,000	83.40	46.00	60.00
Alabama <sup>3</sup> .....	601	900	1,200			
Florida.....	5,922	17,500	16,200			
Mississippi.....	10,232	25,300	43,600			
Louisiana <sup>4</sup> .....	6,601	14,000	26,000	81.10	50.00	61.00
United States.....	24,202	58,500	88,000	82.70	49.10	62.30

<sup>1</sup> Production of unhusked air-dried nuts.<sup>2</sup> Preliminary.<sup>3</sup> Prices for Georgia and Alabama have been combined, to avoid the possibility of disclosing individual mill operations.<sup>4</sup> Includes small quantities of tung nuts produced in Texas.

Bureau of Agricultural Economics. The Census of Agriculture reported 351,000 tung trees in Southern States in 1930, 12,671,000 tung trees in 1940, and 9,583,000 tung trees in 1945. In addition to the States listed above, the census shows a small production also in Texas and South Carolina. The yield of oil from tung nuts varies from year to year but is usually estimated at around 16 percent of the weight of the nuts. Production and supply of tung oil appear in table 198.

TABLE 200.—*Oleomargarine: Materials used in manufacture, and percentages of fats and oils contributed by specified items, United States, 1945-49*

Item	1945		1946		1947		1948		1949	
	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils
	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>
Animal fats and oils:										
Oleo oil.....	8,841	1.8	2,545	0.6	3,298	0.6	3,044	0.4	3,603	0.5
Oleostearine.....	2,510	.5	2,086	.4	3,700	.6	2,973	.4	2,994	.4
Lard, neutral.....	5,786	1.2	2,058	.4	3,145	.5	3,498	.5	4,270	.6
Oleo stock.....	1,304	.3	335	.1	649	.1	364	.1	608	.1
Edible tallow.....	24	( <sup>1</sup> )	18	( <sup>1</sup> )						
Total.....	18,465	3.8	7,042	1.5	10,792	1.8	9,879	1.4	11,475	1.6
Vegetable oils:										
Domestic:										
Cottonseed oil.....	253,997	50.9	222,814	47.9	322,555	53.2	452,990	61.5	431,048	61.5
Soybean oil.....	206,642	41.4	200,681	43.1	227,714	37.5	255,191	34.7	257,276	36.7
Peanut oil.....	10,215	2.1	13,794	3.0	17,498	2.9	11,391	1.5	98	( <sup>1</sup> )
Corn oil.....	9,174	1.8	6,589	1.4	6,650	1.1	1,337	.2	773	.1
Linseed oil.....										
Other vegetable oils <sup>2</sup>	138	( <sup>1</sup> )	67	( <sup>1</sup> )	132	( <sup>1</sup> )	22	( <sup>1</sup> )	11	( <sup>1</sup> )
Total.....	480,166	96.2	443,945	95.4	574,549	94.7	720,931	97.9	689,206	98.4
Foreign:										
Coconut oil.....			14,508	3.1	21,214	3.5	5,471	.7	82	( <sup>1</sup> )
Sunflower oil.....	6	( <sup>1</sup> )								
Total.....	6	( <sup>1</sup> )	14,508	3.1	21,214	3.5	5,471	.7	82	( <sup>1</sup> )
Total fats and oils.....	498,637	100.0	465,495	100.0	606,555	100.0	736,281	100.0	700,763	100.0
Other materials:										
Milk.....	105,002		96,046		126,245		153,052		144,442	
Salt and other materials.....	22,050		20,599		26,837		32,323		31,023	
Total.....	127,052		116,645		153,082		185,375		175,465	
Grand total.....	625,689		582,140		759,637		921,656		876,228	

<sup>1</sup> Less than 0.05 percent.<sup>2</sup> Includes cottonseed stearine, soybean stearine, vegetable stearine, cottonseed flakes, and soya flakes.<sup>3</sup> Used in oleomargarine for export: 14,508,000 pounds in 1946, 7,751,000 pounds in 1947, and 612,000 pounds in 1948.

Bureau of Agricultural Economics. Computed from monthly data published in Internal Revenue Bulletin.

TABLE 201.—*Oleomargarine, white: Average wholesale price per pound, Chicago, 1940-49*

Item	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Made from:										
Animal fat.....	11.8	13.3	15.1	16.4	16.5	16.5	23.5	37.2	37.7	26.7
Domestic vegetable oils.....	14.8	15.8	19.0	19.0	19.0	19.0	23.0	36.9	37.1	26.7

Bureau of Agricultural Economics. Compiled from The National Provisioner.

TABLE 202.—*Oleomargarine: Production, withdrawals, and domestic disappearance, United States, 1940-49*

Year	Reported to U. S. Department of Agriculture			Reported to Bureau of Internal Revenue						Domestic disappearance (civilian and military)	
	Production, uncolored and colored <sup>1</sup>			Production			Withdrawals			Total	Per capita <sup>5</sup>
	Vegetable oil	Combined animal and vegetable	Total	Un-colored	Colored	Total <sup>2</sup>	Tax-paid for consumption in the United States and territories	Tax-free for use of the United States Government <sup>3</sup>	Tax-free for export <sup>4</sup>		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1940-----	279,317	41,355	320,672	317,952	2,451	320,402	317,736	897	1,174	318,336	2.4
1941-----	313,496	51,713	365,209	362,813	4,774	367,587	363,236	2,105	2,038	363,849	2.7
1942-----	366,865	56,412	423,277	361,262	64,488	425,749	363,707	60,148	3,286	364,000	2.7
1943-----	556,409	53,722	610,131	497,601	116,543	614,144	500,004	110,439	572	502,700	3.7
1944-----	539,237	44,529	583,766	480,607	107,606	588,214	496,037	90,828	1,386	498,200	3.6
1945-----	580,005	33,978	613,983	515,124	98,904	614,028	524,631	74,089	16,747	538,900	3.8
1946-----	554,798	17,854	572,652	514,457	58,063	572,520	532,066	34,297	6,528	537,700	3.8
1947-----	717,136	21,573	738,709	686,883	59,057	745,940	712,584	9,305	18,508	719,000	5.0
1948-----	855,520	19,076	874,596	811,649	96,401	908,052	892,802	2,275	12,283	892,157	6.1
1949 <sup>6</sup> -----	814,901	22,114	837,015	682,749	177,217	859,966	851,598	1,755	7,359	852,826	5.7

<sup>1</sup> Shown to indicate output of oleomargarine containing animal fat in relation to output of vegetable-oil margarine. Manufacturers' reports to the Bureau of Internal Revenue are required by law; those to the United States Department of Agriculture are voluntary.

<sup>2</sup> Total of unrounded monthly figures.

<sup>3</sup> 1940 represents purchases for use in Government institutions; 1941-49 also includes purchases for lend-lease export, UNRRA, and American Red Cross and small purchases by the armed forces.

<sup>4</sup> Including withdrawals for shipment to Puerto Rico, Virgin Islands, and other U. S. possessions.

<sup>5</sup> Computed from total disappearance, using population as of July 1, including military personnel.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics and Production and Marketing Administration.

TABLE 203.—*Shortening: Production, trade, stocks Dec. 31, and disappearance in the United States, and price per pound, at Chicago, 1940-49*

Year	Factory production	Imports for consumption	Exports		Shipments to United States territories <sup>1</sup>	Factory and warehouse stocks, Dec. 31	Apparent disappearance		Average wholesale price per pound, Chicago
			Shortening as such	Shortening content of Army biscuits			Total	Per capita	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds	Cents
1940...	1,190,322	505	3,805	-----	4,923	53,741	1,184,979	8.9	9.1
1941.....	1,409,401	1,447	3,666	2,000	6,432	53,338	1,399,153	10.4	13.8
1942.....	1,300,150	364	3,250	3,700	7,628	42,648	21,293,626	9.5	17.0
1943.....	1,437,649	8	3 68,950	3,700	3,256	46,258	21,335,141	9.7	17.0
1944.....	1,363,547	( <sup>4</sup> )	11,930	1,100	5,865	43,108	21,358,802	9.8	17.0
1945.....	1,440,859	1	12,945	3 31,400	7,599	33,533	21,398,491	10.0	17.0
1946.....	1,450,501	2	6 14,659	5 5,200	6,343	41,234	21,426,600	10.0	21.1
1947.....	1,374,492	1	7 10,382	5 12,400	6,671	53,464	21,332,808	9.2	32.2
1948.....	1,440,913	( <sup>4</sup> )	7 6,122	5 200	3,002	66,512	1,418,541	9.6	33.7
1949 <sup>5</sup> .....	1,483,197	1	7 23,571	-----	1,805	81,722	1,442,672	9.6	24.4

See footnotes on page 158.

TABLE 204.—*Shortening: Fats and oils used in manufacture, United States, 1942-49*

Item	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
<b>Animal fats and oils:</b>								
Tallow, edible.....	55,777	78,552	59,752	78,835	43,809	44,493	29,244	17,857
Oleostearine.....	30,701 <sup>1</sup>	29,726	22,393	24,349	13,155	18,949	14,520	12,180
Lard, including rendered pork fat.....	61,632	36,407	38,729	23,142	20,387	100,635	113,996	<sup>2</sup> 126,747
Oleo oil.....	663	2,660	2,691	2,728	1,391	1,478	645	<sup>3</sup> 696
Total.....	148,773	147,345	123,565	129,054	78,742	165,555	158,405	157,480
<b>Vegetable oils:</b>								
Domestic:								
Cottonseed.....	693,564	572,208	489,880	486,791	501,588	299,869	321,060	<sup>4</sup> 529,540
Soybean.....	335,555	568,405	620,257	683,011	743,527	705,280	707,530	<sup>5</sup> 710,642
Peanut.....	37,817	50,886	61,249	51,016	42,302	64,512	55,943	3,768
Corn.....	4,093	6,356	5,393	2,446	3,341	-2,625	3,725	<sup>6</sup> 5,216
Linseed.....		7,084	300					
Vegetable-oil stearine <sup>7</sup>		87,998	78,476	80,792	69,431	69,564	100,625	63,713
Total.....	1,071,029	1,292,937	1,255,555	1,304,056	1,360,189	1,141,850	1,188,883	1,312,879
Foreign:								
Palm.....	29,303	852					2,917	
Coconut.....	4,961	3	69	231	17,779	86,522	48,293	<sup>8</sup> 19,715
Sesame.....	2	4	3	30			2,129	<sup>9</sup>
Babassu.....	50	1			2,933	721	( <sup>10</sup> )	( <sup>9</sup> )
Palm-kernel.....	<sup>11</sup> 1,179				( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>9</sup> )
Other <sup>12</sup> .....	24,212	4,897	5,559	19,021	4,968	1,168	2,129	
Total.....	59,707	5,757	5,631	19,282	25,680	88,411	55,468	19,715
Fish oils.....	5,750	12,584	2,764	3,433	1,158			
Total fats and oils.....	1,285,259	1,458,623	1,387,515	1,455,825	1,465,769	1,395,816	1,402,756	1,490,074

<sup>1</sup> Preliminary.<sup>2</sup> Partly estimated; all the lard that was reported hydrogenated is assumed to have been used in shortening.<sup>3</sup> Partly estimated.<sup>4</sup> Includes edible hydrogenated cottonseed oil, first reported as separate item in 1949.<sup>5</sup> Includes edible hydrogenated soybean oil, first reported as separate item in 1949.<sup>6</sup> Includes 2,312,000 pounds of crude and refined oils not reported separately (mostly corn oil, also negligible quantities of soybean, peanut, coconut, sesame and palm-kernel oils); and 2,904,000 pounds of deodorized and winterized oils not reported separately by kind.<sup>7</sup> Byproduct of winterizing cottonseed, soybean, corn and peanut oils (not reported in 1942).<sup>8</sup> Includes 14,600,000 pounds of edible hydrogenated oil not specified as to kind, but apparently mostly hydrogenated coconut oil.<sup>9</sup> Included with "Corn oil."<sup>10</sup> Included in "Other."<sup>11</sup> Includes murumuru-kernel oil and tucum-kernel oil.<sup>12</sup> Includes sunflower oil and miscellaneous vegetable oils. A small percentage of "Other" may be domestic.

Bureau of Agricultural Economics. Compiled from Bureau of the Census, Animal and Vegetable Fats and Oils. Data for earlier years in Agricultural Statistics, 1943, table 163.

## FOOTNOTES FOR TABLE 203:

<sup>1</sup> Partly estimated. 1942-June 1945 includes U. S. Department of Agriculture shipments to United States territories not reported by Bureau of the Census. Shipments to Puerto Rico and Virgin Islands only, after March 1948.<sup>2</sup> Adjusted for changes in U.S.D.A. stocks.<sup>3</sup> Adjusted in accordance with U.S.D.A. records of shipments to United Kingdom.<sup>4</sup> Less than 500 pounds.<sup>5</sup> Includes military shipments for civilian relief abroad: 300,000 pounds in 1945; 1,300,000 pounds in 1946; 12,400,000 pounds in 1947; and 200,000 pounds in 1948.<sup>6</sup> Includes re-exports to Canada.<sup>7</sup> Includes estimated exports through nongovernmental relief agencies: 6,800,000 pounds in 1947, 2,600,000 in 1948, and 830,000 in Jan.-Mar. 1949.<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production and stocks from Bureau of the Census, Animal and Vegetable Fats and Oils.

Trade figures from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census and U. S. Department of Agriculture.

Disappearance: Total, computed from data on production, trade, and stocks. Per capita, computed from total disappearance, using population as of July 1, including military personnel.

Price, from reports of the Production and Marketing Administration. Based on products containing from 20 to 50 percent animal fat. January-June 1940, quoted in hardwood tubs; beginning July 1940, in 1-pound cartons.

TABLE 205.—*Fats and oils: Production, trade, factory and warehouse stocks, Dec. 31, and disappearance in continental United States, 1940-49*

## ANIMAL FATS AND OILS (INCLUDING MARINE OILS)

Year	Primary fats and oils (crude basis)						Adjusted disappearance, allowing for net exports and stock changes in fat-and-oil products <sup>5</sup>
	Production from domestic materials	Imports plus production from imported materials <sup>1</sup>	Exports and re-exports <sup>2</sup>	Shipments to United States territories <sup>3</sup>	Factory and warehouse stocks, Dec. 31 <sup>4</sup>	Disappearance in continental United States	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1940.....	6,291	50	220	39	991	5,876	-----
1941.....	6,519	80	410	40	887	6,252	-----
1942.....	6,728	166	698	41	662	<sup>6</sup> 6,372	-----
1943.....	6,981	144	919	46	818	<sup>6</sup> 5,912	-----
1944.....	7,246	117	1,035	45	953	<sup>6</sup> 6,204	-----
1945.....	5,925	77	744	30	478	<sup>6</sup> 5,726	-----
1946.....	5,599	43	494	44	445	<sup>6</sup> 5,167	-----
1947.....	6,431	40	487	40	531	<sup>6</sup> 5,856	-----
1948.....	6,094	83	394	52	682	<sup>6</sup> 5,581	-----
1949 <sup>7</sup> .....	6,678	57	1,119	51	718	<sup>6</sup> 5,503	-----

## VEGETABLE OILS

1940.....	2,434	1,606	138	8	1,549	3,830	-----
1941.....	2,814	1,817	162	14	1,385	4,619	-----
1942.....	3,186	827	129	7	1,356	3,916	-----
1943.....	3,674	781	431	7	1,333	4,046	-----
1944.....	3,445	873	438	8	1,203	4,002	-----
1945.....	3,452	823	161	8	1,248	4,062	-----
1946.....	3,260	771	201	8	821	4,249	-----
1947.....	3,520	1,323	236	8	762	4,658	-----
1948.....	4,158	1,183	201	3	998	4,900	-----
1949 <sup>7</sup> .....	4,820	1,034	596	2	1,392	4,842	-----

## TOTAL ANIMAL AND VEGETABLE FATS AND OILS

1940.....	8,725	1,656	358	46	2,540	9,706	9,672
1941.....	9,333	1,897	572	54	2,272	10,871	<sup>8</sup> 10,826
1942.....	9,914	993	827	48	2,018	<sup>6</sup> 10,288	<sup>8</sup> 10,206
1943.....	10,656	924	1,350	53	2,151	<sup>6</sup> 9,953	<sup>8</sup> 9,733
1944.....	10,691	990	1,473	53	2,156	<sup>6</sup> 10,206	<sup>8</sup> 10,085
1945.....	9,378	900	904	38	1,726	<sup>6</sup> 9,789	<sup>8</sup> 9,611
1946.....	8,859	815	695	52	1,266	<sup>6</sup> 9,416	<sup>8</sup> 9,298
1947.....	9,952	1,363	722	48	1,293	<sup>6</sup> 10,514	<sup>8</sup> 10,380
1948.....	10,252	1,266	595	55	1,680	<sup>6</sup> 10,481	<sup>8</sup> 10,396
1949 <sup>7</sup> .....	11,498	1,091	1,715	53	2,110	<sup>6</sup> 10,345	<sup>8</sup> 10,168

<sup>1</sup> Imports for consumption.<sup>2</sup> Re-exports include only items imported free of duty or tax (coconut, palm, including palm-kernel, and tung oils), except that in 1943-47, certain quantities of whale, linseed, and sunflower oils reported in imports for consumption are also included.<sup>3</sup> Special programs of the United States Department of Agriculture included, 1942-June 1945. Beginning April 1948, data available only for Puerto Rico and the Virgin Islands.<sup>4</sup> Cold-storage stocks of butter, all years; lard, 1940.<sup>5</sup> Disappearance of primary fats and oils in continental United States adjusted for fat content of imports, exports, and shipments to United States territories of margarine, shortening, and soap, and changes in stocks of margarine and shortening. 1949 also adjusted for imports, exports, and changes in stocks of vegetable stearine, fatty acids, foats, and soapstock.<sup>6</sup> Adjusted to allow for changes in cold-storage stocks of butter held by the armed forces, and in United States Department of Agriculture stocks of lard in transit to warehouses and ships (these stocks are not included in factory and warehouse stocks).<sup>7</sup> Preliminary.<sup>8</sup> Includes procurement for United States armed forces, as well as disappearance into civilian trade channels.

Bureau of Agricultural Economics. Compiled as follows: Production, from reports of the Bureau of the Census, United States Department of Agriculture, and Fish and Wildlife Service. Foreign trade from Foreign Commerce and Navigation of the United States and records of the Bureau of the Census. Stocks from Bureau of the Census and United States Department of Agriculture. Disappearance computed from data on production, foreign trade, and stocks. Foreign trade and stocks converted to crude basis, 1940-48. Totals computed from unrounded numbers.

TABLE 206.—Fats and oils: Production and disappearance, 1948; production, foreign trade, stocks Dec. 31, and disappearance, United States, 1949

Item	1948		1949 <sup>2</sup>					
	Factory production	Apparent disappearance in continental United States <sup>1</sup>	Factory production	Imports for consumption	Exports	Net imports or net exports (-)	Factory and warehouse stocks, Dec. 31	Apparent disappearance in continental United States
Animal and marine fats and oils:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Butter.....	1,508,562	1,490,764	1,692,140	271	4,747	-5,476	113,993	1,585,385
Lard, including rendered pork fat.....	2,356,175	2,022,378	2,552,325	2	665,920	-665,918	130,585	1,929,085
Neat's-foot oil.....	2,164	2,179	2,317	502	629	-127	908	2,378
Oleo oil.....	39,940	38,061	49,948	-----	2,480	-2,480	2,515	49,249
Oleostearine and oleo stock.....	27,588	26,493	34,828	-----	3,486	-3,486	3,277	31,003
Tallow, edible.....	69,713	65,052	81,729	-----	24,983	-24,983	4,666	61,697
Tallow, inedible, and greases, excluding wool grease.....	1,939,736	1,781,942	2,126,725	1,951	7,427,162	-425,211	351,569	1,666,921
Wool grease.....	18,874	21,598	9,023	8,428	420	8,008	8,789	16,635
Fish-liver oil <sup>9</sup> .....	5,464	22,525	5,719	21,222	776	20,446	10,103	24,350
Fish oil.....	124,879	94,211	122,893	16,060	38,617	-22,557	78,420	116,591
Marine mammal oil <sup>10</sup> .....	450	15,623	723	8,687	256	8,431	21,082	19,559
Total, animal and marine.....	6,093,545	5,580,826	6,678,370	57,123	1,170,476	-1,113,353	717,907	5,502,853
Vegetable oils:								
Babassu oil.....	11 39,015	39,011	11 29,445	3,565	-----	3,565	12 3,294	32,844
Castor oil.....	136,056	128,369	128,456	10,618	3,013	7,605	37,705	130,045
Coconut oil.....	557,096	666,514	6 525,708	115,051	13 18,447	96,604	155,755	527,826
Corn oil.....	202,918	194,046	224,413	-----	2,131	-2,131	14,174	227,228
Cottonseed oil.....	1,483,616	1,369,687	1,787,353	-----	116,609	-116,609	399,797	1,596,664
Linseed oil.....	726,034	600,294	744,502	1,317	3,829	-2,512	515,128	453,424
Oiticica oil.....	-----	13,113	-----	8,940	-----	8,940	4,018	11,523
Olive oil, edible.....	3,167	37,603	4,838	20,050	144	19,906	3,661	23,614
Olive oil, inedible and "foots".....	(14)	15 5,233	(14)	3,124	13 546	2,578	1,960	15 4,674
Palm-kernel oils <sup>16</sup> .....	11 5,157	19,851	11 17,230	4,201	4,201	-----	(14)	21,431
Palm oil.....	-----	51,271	-----	82,340	13 8,698	73,642	12 42,907	56,548
Peanut oil.....	157,322	151,600	177,786	-----	66,980	-66,980	29,099	103,842
Perilla oil.....	-----	16	-----	-----	-----	-----	(14)	5
Rapeseed oil.....	(14)	15 5,693	6 1,963	3,759	88	3,671	5,007	4,797
Sesame oil.....	11 10,625	12,114	11 5,085	255	-----	255	17 243	5,234
Soybean oil.....	1,604,320	1,472,025	1,859,066	239	358,581	-358,342	150,101	1,538,296
Tung oil.....	16,837	130,193	19,475	64,968	13 10,281	54,687	18,149	103,187
Other vegetable oils <sup>15</sup> .....	5,261	3,411	3,449	6,677	10 8,880	-2,203	10,529	701
Total, vegetable.....	4,927,424	4,900,044	5,528,769	325,104	598,227	-273,123	1,391,527	4,841,883
Total, all fats and oils.....	11,020,969	10,480,870	12,207,139	382,227	1,768,703	-1,386,476	2,109,434	10,344,736

<sup>1</sup> Crude basis.<sup>2</sup> Preliminary.<sup>3</sup> Total production, including estimated farm output.<sup>4</sup> Includes shipments to Puerto Rico and the Virgin Islands. Lard includes 2,700,000 pounds exported in January-March in food package through CARE and other non-governmental agencies.<sup>5</sup> Reported production minus pressing.<sup>6</sup> Computed from factory consumption (Bureau of the Census), stocks, and trade; reported factory consumption used to represent domestic disappearance.<sup>7</sup> Total of the following export classifications: Inedible tallow; other animal greases and fats, inedible; hog grease and wool grease; grease stearine; lard oil; and other animal oils, inedible.<sup>8</sup> Held by scouers only.<sup>9</sup> Production of cod oil, cod-liver oil, shark-liver oil, and other liver oils. Imports of cod oil, cod-liver oil, shark-liver oil, and "fish-liver oil, n.e.s."<sup>10</sup> Whale oil, sperm-whale oil, and seal oil.<sup>11</sup> Oil equivalent of imported raw material.<sup>12</sup> Crude only; refined included in "Other vegetable oils."<sup>13</sup> Includes re-exports.<sup>14</sup> Included in "Other vegetable oils."<sup>15</sup> Computed from data on trade and factory and warehouse stocks.<sup>16</sup> Murumuru-kernel, palm-kernel, and tucum-kernel oils.<sup>17</sup> Refined only; crude included in "Other vegetable oils."

See footnotes on page 161.



TABLE 207.—*Fats and oils: Utilization in the drying-oil industries, United States, 1940-49*

Item	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Linseed oil.....	586,585	808,641	820,253	757,693	688,373	639,640	668,230	567,473	595,302	448,890
Castor oil.....	24,857	46,295	62,756	24,991	90,037	66,658	38,233	43,501	58,075	42,176
Fish oil.....	46,894	56,539	31,779	34,188	47,178	57,252	46,363	44,946	35,912	<sup>2</sup> 33,914
Soybean oil.....	46,260	62,410	33,422	38,974	36,648	45,757	66,925	158,807	160,556	157,200
Tung oil.....	66,937	68,515	<sup>3</sup> 11,830	<sup>3</sup> 12,047	<sup>3</sup> 10,109	22,672	35,632	106,077	130,193	103,187
Oiticica oil.....	15,537	26,785	<sup>3</sup> 9,196	<sup>3</sup> 3,602	10,741	19,389	25,245	12,707	13,113	11,523
Perilla oil.....	19,514	8,575	2,731	1,990	<sup>3</sup> 489	<sup>3</sup> 193	<sup>3</sup> 78	<sup>3</sup> 33	16	<sup>5</sup>
Coconut oil.....	1,263	920	183	37	24	219	509	882	2,721	13
Cottonseed oil.....	217	349	507	226	75	181	137	42	45	13
Rapeseed oil.....	88	103	40	29	12	14	4	3	1	-----
Corn oil.....	174	883	80	32	23	23	19	8	37	-----
Palm oil.....	4	1	-----	-----	-----	1	-----	5	11	-----
Olive oil, inedible and "foots".....	7	4	3	-----	-----	-----	-----	-----	-----	-----
Other vegetable oils.....	300	300	273	678	866	1,927	4,214	4,728	5,383	8,429
Grease.....	504	622	609	486	333	294	352	308	284	33
Tallow, inedible.....	155	375	195	25	20	54	60	36	28	26
Marine mammal oil.....	55	36	4	2	5	39	72	44	57	-----
Neat's-foot oil.....	28	37	40	43	20	6	15	11	5	-----
Tallow, edible.....	1	4	6	5	-----	1	-----	-----	6	-----
Lard.....	9	13	13	10	13	7	23	20	23	-----
Oleo oil.....	-----	-----	2	-----	1	-----	-----	-----	-----	-----
Oleostearine.....	6	-----	2	-----	-----	-----	-----	-----	-----	-----
Tall oil.....	-----	-----	-----	2,000	7,200	7,000	15,400	31,721	35,820	33,098
Secondary fatty materials.....	-----	-----	-----	14,529	26,474	31,129	39,057	43,558	45,141	36,943
Total.....	809,395	1,081,407	973,924	891,587	918,649	892,262	940,278	1,014,537	1,080,890	878,158

<sup>1</sup> Preliminary.<sup>2</sup> Includes small quantities of tallow, grease, lard, neat's-foot oil, marine mammal oil, and vegetable-oil foots not reported separately.<sup>3</sup> Reported factory consumption in paints, varnishes, linoleum, oilcloth, printing inks, and miscellaneous industrial products.<sup>4</sup> 1940-41, estimated.

Bureau of Agricultural Economics. These estimates include utilization in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics.

Compiled from reports of the Bureau of the Census and the Fish and Wildlife Service, as follows:

Linseed, castor, fish, soybean, tung, oiticica, and perilla oils: Total apparent domestic disappearance, minus quantities (if any) reported by the Bureau of the Census as used in soap, oleomargarine, and shortening, and minus part of the quantity used in miscellaneous industrial products.

Tall oil and secondary fatty materials: Factory consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics, as reported by the Bureau of the Census.

Other fats and oils: Factory consumption in paints, varnishes, floor coverings, oilcloth, and printing inks, as reported by the Bureau of the Census.

## FOOTNOTES FOR TABLE 206 (continued):

<sup>18</sup> Cashew nut shell liquid (oil), sunflower oil, teaseed oil, Japan wax, vegetable tallow, and minor domestic vegetable oils, such as hempseed, mustardseed, and walnut oils.

<sup>19</sup> Includes shipments of 2,452,000 pounds of edible fats and oils other than butter and lard, to Puerto Rico and the Virgin Islands; and 1,270,000 pounds of edible oils exported in January-March in food packages through CARE and other non-governmental agencies.

Bureau of Agricultural Economics. Compiled as follows:

Production—

Butter and lard, U. S. Department of Agriculture.

Marine-animal oils, reports of Fish and Wildlife Service. Reported in gallons; converted to pounds, using 7.74 pounds per gallon for Atlantic and Gulf coasts and 7.5 for Pacific coast.

All other fats and oils, Bureau of the Census.

Foreign trade and factory and warehouse stocks, Bureau of the Census, except for stocks of butter, U. S. Department of Agriculture, Cold Storage Report.

Apparent disappearance computed from data on production, trade, and stocks.

TABLE 208.—*Fats, oils, and rosin: Use in soap manufacture, United States, 1942-49*

Item	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
Hard oils (tallow class):	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Slow lathering:								
Tallow, inedible	1,188,923	896,286	1,005,777	952,334	871,968	1,108,909	980,670	961,505
Whale and fish oils	72,401	44,972	50,900	114,346	39,714	42,550	35,477	<sup>2</sup> 11,319
Grease	338,974	463,811	524,156	412,105	338,469	417,260	471,097	384,092
Palm oil	55,865	32,621	19,675	24,500	7,417	1,091	956	<sup>2</sup> 4,542
Tallow, edible	634	4,652	43,761	32,067	6,895	7,087	1,562	1,012
Oleostearine	483	275	211					
Lard, including rendered pork fat	96	74,039	176,266	82,070	744	5,973	3,716	
Total	1,657,376	1,516,650	1,820,746	1,617,422	1,265,207	1,582,870	1,493,478	1,362,470
Quick lathering:								
Coconut oil	140,487	142,346	131,558	59,353	184,906	511,313	417,256	282,455
Palm-kernel oil	1,028	1,840	1,938	29,967	18,939	<sup>(3)</sup>	<sup>(3)</sup>	64
Babassu oil	19,105	25,814	13,006	32,476	35,834	14,581	18,619	<sup>2</sup> 27,858
Total	160,620	170,000	146,502	121,796	239,679	525,894	435,875	310,377
Soft oils:								
Secondary fats and oils <sup>4</sup>	190,000	269,425	302,343	363,705	334,986	227,847	197,882	146,008
Olive oil, foots and inedible	5,188	5,486	2,956	1,987	801	764	<sup>2</sup> 5,256	<sup>2</sup> 4,526
Soybean oil	31,510	15,428	3,258	4,219	3,545	5,375	2,794	1,991
Cottonseed oil	2,863	991	586	1,695	522	920	720	236
Corn oil	4,102	831	887	721	299	446	185	25
Castor oil	1,599	878	16,962	1,399	553	1,091	739	571
Linseed oil	4,019	1,697	2,253	915	576	276	339	80
Peanut oil	485	256	564	846	7,347	374	271	
Sesame oil	189	70			1	8	5	
Oleo oil	205	2,160	3,243	3,685	3,082	40		
Rapeseed oil		1			16			
Olive oil, edible	27	11	83	18	1	4		
Neat's-foot oil	19	68	9	7	41	23	2	
Perilla oil					3			
Other vegetable oils	2,487	675	3,164	2,338	448	557	4,766	7,875
Total	242,693	297,977	336,308	381,535	352,221	237,725	212,959	161,312
Total fats and oils	2,060,689	1,984,633	2,303,556	2,120,753	1,857,107	2,346,489	2,142,312	1,834,159
Rosin	<sup>5</sup> 97,850	119,804	193,144	121,522	74,694	79,866	53,334	40,190
Tall oil <sup>6</sup>		10,700	29,300	29,800	25,200	16,329	17,501	14,026
Total saponifiable materials	2,158,539	2,115,137	2,526,000	2,272,075	1,957,001	2,442,684	2,213,147	1,888,375

<sup>1</sup> Preliminary.<sup>2</sup> Partly estimated.<sup>3</sup> Included in "Other vegetable oils."<sup>4</sup> Inedible animal stearine, grease (lard) oil, tallow oil, foots and other soap stock, red oil, stearic acid, and other fatty acids. 1942 estimated from total factory consumption of these items; 1943-June 1947, estimated from factory consumption of these items and tall oil in soap.<sup>5</sup> Year beginning April.<sup>6</sup> 1943-June 1947, estimated.

Bureau of Agricultural Economics. Compiled as follows: Fats, oils, and tall oil, Bureau of the Census; rosin, Naval Stores Report, Bureau of Agricultural Economics.

TABLE 209.—*Fats and oils: Use in products for civilian consumption, United States, 1933-49*

Year	Food products											
	Butter (actual weight)		Lard, excluding use in oleo- margarine, and shortening, and nonfood products		Oleomargarine (fat content)		Shortening		Edible oils <sup>1</sup>		All food products	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita <sup>2</sup>
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1933.....	2,248	17.8	1,759	13.9	197	1.6	944	7.5	657	5.2	5,806	42.5
1934.....	2,312	18.2	1,637	12.9	214	1.7	1,197	9.4	666	5.2	6,027	43.9
1935.....	2,195	17.1	1,221	9.5	307	2.4	1,533	12.0	686	5.4	5,942	43.1
1936.....	2,114	16.4	1,442	11.2	322	2.5	1,580	12.3	732	5.7	6,190	44.8
1937.....	2,120	16.4	1,358	10.5	326	2.5	1,589	12.3	818	6.3	6,210	44.7
1938.....	2,148	16.4	1,436	11.0	312	2.4	1,499	11.5	890	6.8	6,285	44.9
1939.....	2,276	17.3	1,662	12.6	243	1.8	1,396	10.6	946	7.2	6,523	46.2
1940.....	2,244	16.9	1,901	14.3	256	1.9	1,185	8.9	997	7.5	6,583	46.3
1941.....	2,115	16.0	1,819	13.7	294	2.2	1,368	10.3	1,100	8.3	6,696	47.4
1942.....	2,093	15.8	1,689	12.8	296	2.2	1,237	9.3	1,001	7.6	6,315	44.6
1943.....	1,525	11.8	1,678	13.0	408	3.1	1,234	9.5	848	6.5	5,693	41.6
1944.....	1,532	11.9	1,533	12.3	404	3.1	1,147	8.9	871	6.7	5,538	40.5
1945.....	1,415	10.9	1,510	11.6	426	3.3	1,175	9.1	803	6.2	5,329	38.9
1946.....	1,459	10.5	1,645	11.8	433	3.1	1,409	10.1	870	6.2	5,815	39.7
1947.....	1,605	11.2	1,816	12.7	580	4.0	1,338	9.3	997	6.9	6,336	42.0
1948.....	1,455	10.0	1,885	12.9	717	4.9	1,410	9.6	1,058	7.2	6,526	42.7
1949 <sup>3</sup> .....	1,553	10.5	1,754	11.8	692	4.6	1,431	9.6	1,278	8.6	6,707	43.1

  

Year	Industrial products								All products		
	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>4</sup>		All industrial products		Weight		Per capita <sup>2</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Including actual weight of butter	Including only fat content of butter	
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1933.....	1,401	11.1	553	4.4	404	3.2	2,358	18.7	8,164	7,725	61.2
1934.....	1,595	12.5	602	4.7	379	3.0	2,576	20.3	8,603	8,152	64.1
1935.....	1,428	11.2	721	5.6	525	4.1	2,674	20.9	8,616	8,188	64.0
1936.....	1,522	11.8	792	6.1	533	4.1	2,848	22.1	9,038	8,626	66.9
1937.....	1,581	12.2	851	6.6	528	4.1	2,961	22.8	9,171	8,758	67.6
1938.....	1,587	12.1	685	5.2	439	3.4	2,710	20.7	8,995	8,576	65.6
1939.....	1,741	13.2	825	6.3	483	3.7	3,050	23.2	9,573	9,129	69.3
1940.....	1,791	13.5	809	6.1	489	3.7	3,089	23.3	9,672	9,235	69.5
1941.....	2,173	16.4	1,029	7.8	689	5.2	3,890	29.3	10,586	10,174	76.7
1942.....	1,858	14.0	870	6.6	659	5.0	3,387	25.6	9,701	9,293	70.2
1943.....	1,643	12.7	727	5.6	722	5.6	3,092	23.9	8,785	8,488	65.5
1944.....	1,781	13.8	775	6.0	728	5.6	3,283	25.4	8,821	8,522	66.0
1945.....	<sup>6</sup> 1,579	12.2	747	5.8	<sup>6</sup> 785	6.0	3,111	24.0	8,440	8,164	62.9
1946.....	<sup>6</sup> 1,598	11.5	905	6.5	<sup>6</sup> 857	6.2	3,361	24.1	9,176	8,892	63.8
1947.....	<sup>6</sup> 2,096	14.6	973	6.8	<sup>6</sup> 873	6.1	3,942	27.5	10,278	9,965	69.4
1948.....	<sup>6</sup> 1,917	13.1	1,036	7.1	<sup>6</sup> 809	5.5	3,763	25.7	10,289	10,005	68.4
1949 <sup>3</sup> .....	1,643	11.0	836	5.6	870	5.8	3,349	22.5	10,056	9,753	65.6

<sup>1</sup> Mainly salad and cooking oils. Includes all oils and fats (other than butter, lard, oleomargarine, or shortening) used in mayonnaise and salad dressing, bakery goods, confectionery, commercial roasting and frying, etc.

<sup>2</sup> Including only the fat content of butter, estimated at 80.5 percent of total weight.

<sup>3</sup> Preliminary.

<sup>4</sup> Fat equivalent of soap used in manufactures (rubber, textiles, etc.) is included with "Other industrial products."

<sup>5</sup> Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking and other protective coatings.

<sup>6</sup> Revised in accordance with new estimates of fat content of soap used in manufactures.

Bureau of Agricultural Economics. Computed from data given in reports of the Bureau of the Census, Fish and Wildlife Service, and United States Department of Agriculture. Totals computed from unrounded numbers.

TABLE 210.—Specified fats and oils: Factory consumption by classes of products, and total apparent domestic disappearance, United States, 1947-49

Item	Babassu oil <sup>1</sup>			Castor oil <sup>3</sup>			Coconut oil			Corn oil		
	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Factory consumption in:												
Shortening.....	721						86,522	48,293	5,115	2,625	3,725	
Oleomargarine.....							21,214	5,471	82	6,650	1,337	773
Other edible products <sup>4</sup> .....			<sup>5</sup> 8,045				15,134	35,414	<sup>6</sup> 112,898	57,963	60,064	<sup>7</sup> 175,610
Soap.....	14,581	18,619	<sup>8</sup> 27,858	1,091	739	571	511,313	417,256	282,455	446	185	<sup>9</sup> 25
Paint and varnish <sup>10</sup> .....				32,776	46,277	32,374	509	882	2,721	8	37	
Linoleum and oilcloth.....				3,185	3,298	<sup>11</sup> 333						
Printing inks <sup>12</sup> .....				526	772	333						
Fatty acids.....				6,602	4,183	<sup>(13)</sup>	62,654	77,841	<sup>14</sup> 20,132	54		
Sulphonated oils.....				6,940	7,990	7,525	499	495	<sup>14</sup> 507	400	201	<sup>9</sup> 30
Lubricants and greases.....	2			438	486	618	14	7	<sup>(13)</sup>	3	2	
Miscellaneous products.....	459	5	8	40,665	35,713	41,911	32,596	15,940	75,781	3,944	1,836	1,488
Total.....	15,763	18,624	35,911	92,223	99,458	83,665	730,455	601,599	499,691	72,093	67,387	177,926
Refining loss.....	359		987				53,685	22,871	28,135	21,813	14,678	17,618
Total apparent disappearance.....	17,787	39,011	32,844	115,669	128,309	130,045	<sup>15</sup> 784,140	666,514	<sup>15</sup> 527,826	253,567	194,046	227,228
	Cottonseed oil			Fish and fish-liver oils <sup>16</sup>			Marine mammal oils			Lard, including rendered pork fat		
Factory consumption in:												
Shortening.....	299,869	321,060	529,540							100,635	113,996	<sup>17</sup> 126,747
Oleomargarine.....	322,555	452,990	431,048							3,145	3,498	4,270
Other edible products <sup>4</sup> .....	348,108	424,530	620,614	50						3,720	3,346	6,779
Soap.....	920	720	<sup>11</sup> 236	42,540	35,476	11,319	10	1		5,973	3,716	
Paint and varnish <sup>10</sup> .....	38	38	<sup>11</sup> 12	34,201	27,244	22,730	36	47				
Linoleum and oilcloth.....				4,568	5,124	4,247						
Printing inks <sup>12</sup> .....	4			209	392	283						
Fatty acids.....		10	<sup>(13)</sup>	14,621	4,997	5,012			<sup>(13)</sup>	20	23	
Sulphonated oils.....	476	316	<sup>(13)</sup>	8,839	7,215	6,994	1,170	2,225	<sup>18</sup> 1,647			<sup>(13)</sup>
Lubricants and greases.....	536	392	<sup>19</sup> 139	1,337	1,426	5,475	2,911	4,691	<sup>20</sup> 4,030	126	95	1,565
Miscellaneous products.....	3,421	2,469	7,249	<sup>21</sup> 95,397	<sup>21</sup> 102,173	<sup>21</sup> 118,951	<sup>22</sup> 17,110	<sup>22</sup> 28,318	<sup>22</sup> 20,440	1,353	1,196	24,420
Total.....	975,927	1,202,532	1,588,839	201,762	184,047	175,011	21,245	35,292	26,117	114,972	125,870	163,781
Refining loss.....	77,088	98,662	135,147									
Total apparent disappearance.....	1,110,764	1,369,687	1,596,664	173,391	116,736	140,941	11,808	15,623	19,559	1,952,452	2,022,378	1,929,08

See footnotes at end of table, p. 167.

TABLE 210.—Specified fats and oils: *Factory consumption by classes of products, and total apparent domestic disappearance, United States, 1947-49—Continued*

Item	Linseed oil			Oiticica oil			Oleo oil			Oleostearine		
	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>
<b>Factory consumption in:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shortening.....							1,478	645	23 696	18,949	14,520	12,180
Oleomargarine.....							3,298	3,044	3,603	24 4,349	24 3,337	24 3,602
Other edible products <sup>4</sup> .....							759	835	23 882	557	615	7,367
Soap.....	276	339	11 80				40					(13)
Paint and varnish <sup>10</sup> .....	349,262	313,617	238,238	9,339	4,907	4,273						
Linoleum and oilcloth.....	85,699	109,961	76,037	118	155	(13)						
Printing inks <sup>12</sup> .....	19,336	18,484	6,194	143	97	10						
Fatty acids.....	1,264	1,079	(13)									
Sulphonated oils.....	2	1	(13)									
Lubricants and greases.....	194	63	11 38		76	(13)	13	12	(13)	5	3	(13)
Miscellaneous products.....	48,332	29,879	88,908	2,032	5,101	6,660	56	10	23 309	241	235	60
<b>Total.....</b>	<b>504,365</b>	<b>473,423</b>	<b>409,495</b>	<b>11,632</b>	<b>10,336</b>	<b>10,943</b>	<b>5,644</b>	<b>4,546</b>	<b>5,490</b>	<b>24,101</b>	<b>18,710</b>	<b>23,209</b>
<b>Refining loss.....</b>			<b>10,141</b>									
<b>Total apparent disappearance.....</b>	<b>575,281</b>	<b>600,294</b>	<b>453,424</b>	<b>12,707</b>	<b>13,113</b>	<b>11,523</b>	<b>51,471</b>	<b>38,061</b>	<b>49,249</b>	<b>25 34,629</b>	<b>25 26,493</b>	<b>25 31,003</b>
	Olive oil, edible			Palm oil			Peanut oil			Rapeseed oil		
<b>Factory consumption in:</b>		(26)			2,917		64,512	55,943	11 3,768			
Shortening.....							17,498	11,391	98			
Oleomargarine.....	195	(26)	23 1,156				10,777	14,022	6 74,611			
Other edible products <sup>4</sup> .....	4			1,091	956	11 4,542	374	271	(13)			
Soap.....				5	11	(13)				3	1	(13)
Paint and varnish <sup>10</sup> .....												
Linoleum and oilcloth.....							3	4	11 1			
Printing inks <sup>12</sup> .....												
Fatty acids.....										60		
Sulphonated oils.....		1					1,920	1,428	1,133	9	7	(13)
Lubricants and greases.....				105	65	(13)				8,456	4,292	11 3,089
Miscellaneous products.....	59	122	23 206	27 41,694	27 43,645	27 35,857	3,250	2,946	8,882	3,024	2,068	1,708
<b>Total.....</b>	<b>258</b>	<b>821</b>	<b>1,362</b>	<b>42,895</b>	<b>47,594</b>	<b>40,399</b>	<b>98,334</b>	<b>86,005</b>	<b>88,493</b>	<b>11,552</b>	<b>6,368</b>	<b>4,797</b>
<b>Refining loss.....</b>							11,577	9,650	6,986			
<b>Total apparent disappearance.....</b>	<b>17,467</b>	<b>37,603</b>	<b>23,614</b>	<b>43,153</b>	<b>51,271</b>	<b>56,548</b>	<b>147,346</b>	<b>151,600</b>	<b>103,842</b>	<b>5,711</b>	<b>5,693</b>	<b>16 4,797</b>

See footnotes at end of table, p. 167.

TABLE 210.—Specified fats and oils: Factory consumption by classes of products, and total apparent domestic disappearance, United States, 1947-49—Continued

Item	Soybean oil			Tallow, edible			Tallow, inedible and greases, excluding wool grease			Tung oil		
	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>
Factory consumption in:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shortening	705,280	707,530	710,642	44,493	29,244	17,857						
Oleomargarine	227,714	255,213	257,287									
Other edible products <sup>4</sup>	159,876	142,023	<sup>28</sup> 364,810	6,639	6,536	<sup>5</sup> 7,964						
Soap	5,375	2,794	1,991	7,087	1,562	<sup>9</sup> 1,012	1,525,747	1,451,454	1,345,597			
Paint and varnish <sup>10</sup>	89,491	100,195	98,153			<sup>(20)</sup>	22	12	<sup>11</sup> 23	68,968	92,294	80,375
Linoleum and oilcloth	23,297	22,044	<sup>11</sup> 32,796							5,254	8,943	10,276
Printing inks <sup>12</sup>	1,119	197	793		6	<sup>(20)</sup>				1,397	1,426	521
Fatty acids	1,897	2,038	<sup>11</sup> 1,425				141	118	36			
Sulphonated oils	1,517	1,213	1,041	42	61	<sup>(20)</sup>	193,031	185,192	168,530			
Lubricants and greases	590	1,004	<sup>11</sup> 579	497	987	<sup>9</sup> 506	6,633	6,527	<sup>11</sup> 5,548			
Miscellaneous products	77,633	67,540	<sup>30</sup> 43,242	486	709	<sup>31</sup> 1,262	65,655	57,813	<sup>11</sup> 36,565	20		<sup>(13)</sup>
							<sup>32</sup> 90,369	<sup>32</sup> 80,826	<sup>32</sup> 106,076	12,700	18,194	9,681
Total	1,293,789	1,301,791	1,512,759	59,244	39,105	<sup>31</sup> 28,601	1,881,598	1,781,942	1,662,375	88,359	120,872	100,853
Refining loss	69,184	73,046	79,797						4,546			
Total apparent disappearance	1,451,024	1,472,025	1,538,296	94,595	65,052	<sup>31</sup> 61,697	<sup>15</sup> 1,881,598	<sup>15</sup> 1,781,942	<sup>15</sup> 1,666,921	106,077	130,193	103,187
Factory consumption in:	Olive oil, inedible			Olive-oil foots			Neat's-foot oil			Sesame oil		
Shortening											2,129	
Oleomargarine										166	3,203	
Other edible products <sup>4</sup>										8	5	
Soap	324	469	317	440	1,934	1,448	23	2				
Paint and varnish <sup>10</sup>							3	3	<sup>(15)</sup>			
Linoleum and oilcloth												
Printing inks <sup>12</sup>							8	2				
Fatty acids												
Sulphonated oils							549	656	375			
Lubricants and greases							205	154	215			
Miscellaneous products	36	15	148		8		<sup>33</sup> 2,616	<sup>33</sup> 2,451	<sup>33</sup> 3,011	67	94	191
Total	360	484	465	440	<sup>34</sup> 1,934	<sup>35</sup> 1,448	3,404	3,268	3,601	241	5,431	191
Refining loss												
Total apparent disappearance	245	350	<sup>15</sup> 465	<sup>15</sup> 440	4,929	5,038	1,246	2,179	2,378	4,610	12,114	5,234

See footnotes on next page.

<sup>1</sup> Factory consumption of crude oil only.

<sup>2</sup> Preliminary.

<sup>3</sup> No. 1, No. 3, and dehydrated (sulphonated excluded). To avoid double counting, the estimated quantity of No. 1 used in the production of dehydrated (34,511,000 pounds in 1947; 48,154,000 pounds in 1948; and 42,242,000 pounds in 1949) is deducted from the reported factory consumption of No. 1 in miscellaneous products. 113.6 pounds of No. 1 castor oil are estimated to be required for production of 100 pounds of dehydrated.

<sup>4</sup> Including quantities winterized and (in 1949) deodorized.

<sup>5</sup> Includes use in hydrogenation and small quantities used in inedible products but not reported separately.

<sup>6</sup> Includes use in hydrogenation.

<sup>7</sup> Includes quantities used in shortening and small quantities used in inedible products but not reported separately.

<sup>8</sup> Soap use estimated at 75 percent of total factory consumption in months when not reported separately.

<sup>9</sup> Incomplete; partly included in "Other edible products."

<sup>10</sup> Including use in paint and ink vehicles in January-June 1949.

<sup>11</sup> Incomplete; partly included in "Miscellaneous products."

<sup>12</sup> Included with "Miscellaneous products" in July-December 1949.

<sup>13</sup> Included in "Miscellaneous products."

<sup>14</sup> Crude oil only; refined included in "Miscellaneous products."

<sup>15</sup> Total factory consumption plus loss used to represent total apparent disappearance.

<sup>16</sup> 1949 includes some animal and marine mammal fats, and vegetable, animal, and fish foods not reported separately from fish oils.

<sup>17</sup> Includes consumption in hydrogenation; in July-December, use of refined lard in shortening estimated as 65 percent of total factory consumption of refined lard.

<sup>18</sup> Included with fish oils.

<sup>19</sup> Refined oil only; crude included in "Miscellaneous products."

<sup>20</sup> January-June included with fish oils.

<sup>21</sup> Includes 12,291,000 pounds used for pressing in 1947; 19,024,000 pounds in 1948 and 19,044,000 pounds in 1949.

<sup>22</sup> Includes 14,903,000 pounds used for pressing in 1947; 23,630,000 pounds in 1948. Consumption of marine mammal oils in pressing was not reported separately in 1949 but is included with fish oils.

<sup>23</sup> Partly estimated by BAE.

<sup>24</sup> Includes oleo stock.

<sup>25</sup> Includes 649,000 pounds of oleo stock in 1947; 364,000 pounds in 1948 and 608,000 pounds in 1949.

<sup>26</sup> Included in total factory consumption but not shown separately.

<sup>27</sup> Includes 37,929,000 pounds consumed by the tin andterne plate industry in 1947; 40,074,000 pounds in 1948 and 16,564,000 pounds of crude palm oil in January-June 1949; not reported separately in July-December 1949.

<sup>28</sup> Includes refined oil not reported separately as to use.

<sup>29</sup> Included in "Other edible products."

<sup>30</sup> Includes crude and hydrogenated oil not reported separately as to use.

<sup>31</sup> Excludes use in pressing.

<sup>32</sup> Includes 61,458,000 pounds used in pressing in 1947; 52,289,000 pounds in 1948 and 53,701,000 pounds in 1949.

<sup>33</sup> Includes 166,000 pounds used for pressing in 1947; 79,000 pounds in 1948. Consumption of neat's-foot oil in pressing was not reported separately in 1949 but is included with fish oils.

<sup>34</sup> January-September only; October-December not reported separately.

<sup>35</sup> January-March only; April-December not reported separately.

Bureau of Agricultural Economics. Compiled as follows:

Factory consumption, from reports of the Bureau of the Census, except oleo-margarine from reports of the Bureau of Internal Revenue.

Refining loss is the difference between use of crude oils in refining and production of refined oils.

Total apparent disappearance computed from data on production, trade, and stocks as follows: Production—Lard, U. S. Department of Agriculture. Marine-animal oils, Fish and Wildlife Service. Other fats and oils, Bureau of the Census. Trade and stocks, Bureau of the Census.

TABLE 211.—*Fats, oils, and glycerine: Wholesale price per pound, average 1935-39, annual 1945-49*

Item and market	Average 1935-39	1945	1946	1947	1948	1949
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Butter, 92-score, Chicago <sup>1</sup> .....	29.3	42.3	61.9	70.6	75.2	61.1
Butter, 92-score, New York <sup>1</sup> .....	30.2	43.1	62.8	71.3	75.8	61.5
Oleomargarine, domestic vegetable, 1-pound cartons, Chicago.....	<sup>2</sup> 15.3	19.0	23.0	36.9	37.1	26.7
Shortening, containing animal fat, 1-pound cartons, Chicago <sup>3</sup> .....	11.4	17.0	<sup>4</sup> 21.1	32.2	33.7	24.4
Shortening, cottonseed, hydrogenated, 10-drum lots, New York.....		17.8	<sup>4</sup> 19.7	32.7	32.9	21.1
Lard, loose, Chicago.....	9.8	12.8	19.1	22.5	20.3	11.3
Lard, prime steam, tierces, Chicago.....	10.2	13.8	20.3	23.9	21.3	12.1
Lard, refined, 1-pound cartons, Chicago <sup>3</sup> .....	11.3	15.6	23.6	25.6	24.4	15.1
Oleo oil, extra, tierces, Chicago.....	10.4	13.0	<sup>4</sup> 18.3	25.7	26.6	14.1
Oleostearine, tierces, New York <sup>5</sup> .....	8.7	<sup>4</sup> 10.5		<sup>4</sup> 23.2	24.3	11.1
Tallow, edible, Chicago.....	7.3	9.9	14.0	20.5	17.5	7.5
Corn oil, crude, tanks, midwestern mills.....	8.0	12.8	15.6	25.7	25.7	12.2
Corn oil, refined, drums, New York <sup>6</sup> .....	10.8	16.6	<sup>4</sup> 20.1	32.4	33.4	18.1
Cottonseed oil, crude, tanks, southeastern mills.....	7.6	12.8	15.8	25.9	25.3	11.6
Cottonseed oil, prime summer yellow, tank cars, New York.....	8.8	14.3	<sup>4</sup> 17.8	27.7	26.6	13.9
Cottonseed oil, refined, drums, New York <sup>7</sup> .....	10.9	16.4	<sup>4</sup> 20.3	33.0	33.5	18.2
Peanut oil, crude, tanks, mills.....	8.0	13.0	15.9	26.3	25.8	13.8
Peanut oil, refined, drums, New York <sup>8</sup> .....	11.5	16.5	<sup>4</sup> 19.2	33.4	33.5	19.7
Soybean oil, crude, tank cars, midwestern mills.....	6.8	11.8	14.6	23.3	22.3	11.0
Soybean oil, refined, drums, l. c. l., New York <sup>9</sup> .....	9.5	15.4	19.0	29.1	28.3	15.8
Sunflower oil, semi-refined, tank cars, New York.....	10.6	14.3	<sup>4</sup> 14.3			
Babassu oil, tanks, New York.....	6.4	11.1	<sup>4</sup> 11.5	<sup>4</sup> 19.1	26.7	18.5
Coconut oil, Manila, crude, tanks, f. o. b. Pacific Coast <sup>10 11</sup> .....	7.3	11.0	12.9	20.7	26.3	17.4
Coconut oil, crude, tanks, Atlantic ports <sup>10 12</sup> .....	7.6	11.8	14.1	21.6	27.2	18.6
Coconut oil, edible, New York <sup>13</sup> .....	9.6	12.8	12.9	25.5	32.9	22.5
Olive oil, imported, edible, drums, New York <sup>14 15</sup> .....	26.3		<sup>16</sup> 96.1	88.7	62.0	49.4
Olive oil, California, edible, drums, New York <sup>14</sup> .....		60.7	<sup>4</sup> 59.4	73.6	58.2	<sup>4</sup> 48.7
Olive oil, inedible (denatured), drums, New York <sup>17</sup> .....	14.0				<sup>4</sup> 41.3	38.2
Olive oil, "foots", prime, drums, New York <sup>18</sup> .....	8.8		<sup>4</sup> 18.0		<sup>4</sup> 24.0	<sup>4</sup> 20.2
Palm oil, Congo, drums, New York <sup>19</sup> .....	7.6	11.4	<sup>4</sup> 12.3		<sup>4</sup> 25.9	19.1
Rapeseed oil, refined, denatured, tanks, New York <sup>20 21</sup> .....	8.6	11.6	<sup>4</sup> 14.5	<sup>4</sup> 32.0	27.8	21.2
Teaseed oil, refined, drums, New York <sup>22</sup> .....	9.8				<sup>4</sup> 31.4	<sup>4</sup> 24.5
Tallow, inedible, prime or extra, carlots, Chicago.....	6.6	8.6	11.2	19.2	16.0	6.3
Grease, A white, Chicago.....	6.3	8.8	11.3	18.9	15.3	6.0
Menhaden oil, crude, tanks, Baltimore.....	4.4	8.9	11.1	<sup>4</sup> 18.7	<sup>4</sup> 17.0	8.0
Menhaden oil, light pressed, refined, drums, New York <sup>23</sup> .....	7.2	13.0	15.9	24.9	21.8	13.3
Sardine oil, crude, tanks, Pacific Coast <sup>24</sup> .....	4.8	8.9	11.6	<sup>4</sup> 22.2	18.0	7.6
Sperm oil, natural 45°, drums, New York <sup>25</sup> .....	8.7	13.1	<sup>4</sup> 13.1	<sup>4</sup> 26.9	25.4	18.8
Whale oil, refined, bleached winter, drums, New York.....	8.7	12.3	<sup>4</sup> 12.3			
Cottonseed-oil foots, raw (50 percent t. f. a.) delivered, East <sup>26</sup> .....	1.8	3.6	<sup>4</sup> 4.6	6.0	4.7	1.8
Linseed oil, raw, tank cars, Minneapolis.....	9.2	14.3	18.4	34.0	27.8	22.7
Linseed oil, raw, nonreturnable drums, carlots, New York <sup>27</sup> .....	9.7	15.5	19.9	34.3	29.7	24.7
Oiticica oil, drums, New York.....	13.6	23.7	26.8	28.9	21.5	19.8
Tung oil, drums, New York.....	16.7	39.0	39.1	30.5	24.6	23.9
Castor oil, No. 3, drums, New York <sup>28</sup> .....	9.7	13.8	17.6	29.8	23.3	18.0
Castor oil, No. 1, tanks, New York.....	9.4	13.0	<sup>4</sup> 18.1	29.1	22.7	18.0
Castor oil, dehydrated, drums, New York.....		17.9	22.1	33.6	26.6	22.8
Cod-liver oil, med., U.S.P., Norwegian, barrels, New York <sup>29</sup> .....	11.5	32.9	36.8	39.5	34.4	28.2
Cod oil, Newfoundland, drums, New York <sup>14 15</sup> .....	5.7	11.6	<sup>4</sup> 11.9	<sup>4</sup> 21.6	23.9	15.9
Glycerine, soaply, 80 percent basis, tanks, New York.....	11.1	10.7	16.1	31.4	28.2	18.1

See footnotes on page 169.



TABLE 212.—*Fats and oils: Index numbers of wholesale prices, United States, 1943-49*

[1935-39=100]

Item	1943	1944	1945	1946	1947	1948	1949
Fats and oils:							
Domestic (8 items).....	144	140	142	201	252	249	174
All (27 items).....	151	148	149	205	262	261	188
Origin:							
Animal fats.....	145	139	142	206	244	248	183
Marine animal oils.....	169	170	170	218	404	374	196
Vegetable oils:							
Domestic.....	157	160	160	197	318	303	177
Foreign.....	176	177	177	206	295	278	224
Use:							
Food:							
Butter.....	146	139	142	209	240	256	207
Lard.....	135	132	135	199	234	209	118
Other.....	164	168	168	205	308	296	170
All.....	149	145	148	208	254	258	187
Industrial:							
Soap.....	150	150	150	182	297	280	160
Dyeing oils.....	175	175	174	212	327	281	236
Miscellaneous.....	155	154	154	188	322	294	216
All.....	160	160	160	194	311	281	195

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## FOOTNOTES FOR TABLE 211:

<sup>1</sup> 1935-39 prices refer to open market sales only; 1945-49, to all types of wholesale trading for cash or short-time credit.

<sup>2</sup> Average 1936-39.

<sup>3</sup> Hardwood tubs, 1935-39.

<sup>4</sup> Average for less than 12 months.

<sup>5</sup> Barrels before March 1947; loose, March-August 1947.

<sup>6</sup> Barrels, 1935-39; edible, drums, l. c. l., 1945-July 1947.

<sup>7</sup> Quoted as refined, edible, salad, drums l. c. l. before September, 1947.

<sup>8</sup> Barrels, 1935-39; refined, edible (white), 1945-August 1947.

<sup>9</sup> Quoted as edible 1939-August 1947.

<sup>10</sup> Prices as originally quoted have been adjusted to include the 3-cents-per-pound tax on first domestic processing.

<sup>11</sup> C. i. f. bulk, 1944-October 1946.

<sup>12</sup> Manila type, New York, 1935-39; Ceylon type, c. i. f., 1945-October 1946; Ceylon type, tankcars, November 1946-May 1947.

<sup>13</sup> Tanks before 1942. Quoted as Cochin type, refined, in 1947. January-May 1947, 1 cent per pound added to original quotations, which were for oil in tankcars.

<sup>14</sup> Converted from price per gallon on the basis of 7.5 pounds per gallon.

<sup>15</sup> Barrels, 1935-39.

<sup>16</sup> Average, July-December.

<sup>17</sup> Barrels, 1935-39; converted from dollars per gallon at the rate of 7.5 pounds per gallon.

<sup>18</sup> Barrels, before September 1939.

<sup>19</sup> Niger, casks, 1935-39; Congo, crude, bulk, 1945-November 1948.

<sup>20</sup> Barrels, New York, 1935-39; bulk, c. i. f. New Orleans, 1945; bulk, c. i. f. New York, 1946; drums, New York, January-October 1947.

<sup>21</sup> An excise tax of 4.5 cents per pound on imports of rapeseed oil became effective Aug. 21, 1936; but on July 1, 1938, rapeseed oil for use in rubber substitutes or lubricating oil was exempted from the tax. Since these are the major uses of rapeseed oil in the United States, the prices shown here are exclusive of tax after June 1938.

<sup>22</sup> Crude, 1935-39.

<sup>23</sup> Drums, carlots, 1935-November 1944; less than carlots, December 1944-December 1948.

<sup>24</sup> 1935-39, converted from price per gallon on the basis of 7.5 pounds per gallon.

<sup>25</sup> Quoted as natural before May 1943.

<sup>26</sup> Quoted as soap stock, 50 percent f. f. a., f. o. b. consuming point before March 1943.

<sup>27</sup> Barrels, 1935-39. 1944-April 1945, 0.5 cent per pound added to original quotations, which were for oil in returnable drums.

<sup>28</sup> Barrels before July 1946.

<sup>29</sup> Converted from price per barrel on the basis of 230.4 pounds per barrel.

Bureau of Agricultural Economics. Compiled from Oil, Paint, and Drug Reporter; The National Provisioner; The Journal of Commerce (New York); Chicago Journal of Commerce, and reports of the Production and Marketing Administration and the Bureau of Labor Statistics. Excise taxes and duties are included where applicable.

## CHAPTER IV

### STATISTICS OF FRUITS, VEGETABLES, MELONS, TREE NUTS, AND BEVERAGE CROPS

These crops are arranged in four groups within the chapter: fruits and berries; vegetables and melons; tree nuts; and beverage crops (coffee, tea, and cacao beans). Summary tables on inspections, unloads, and cold-storage holdings of both fruits and vegetables are near the end of the chapter.

#### Fruits

Estimates of fruit production pertain to the harvested crop and for some years include quantities not harvested because of low prices or other economic factors. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the total crop produced on farms, including commercial and home production, except for apples and strawberries for which the production relates to commercial areas only. The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations.

The estimates are reviewed (and revised if necessary) at 5-year intervals, when census data show the numbers of trees and harvested production of fruits by kinds, in each State and county. The estimates for census years do not always agree with census data because of allowances for economic abandonment and the varying degree of completeness in the census data. Census data are more likely to be incomplete for types of crops which occur only infrequently in any locality. However, the Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries.

TABLE 213.—*Bearing acreage of 18 fruits, United States, 1929-49*

Year	Apples		Peaches	Pears	Grapes	Cherries	Plums	Prunes	Apricots	Figs	Olives California
	All	Commercial areas <sup>1</sup>									
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	2,137.8	-----	702.2	233.9	768.9	76.8	41.1	244.5	85.8	45.8	28.2
1930	2,113.7	-----	695.2	235.1	748.1	82.8	39.8	244.4	85.4	46.8	27.3
1931	2,093.1	-----	687.4	236.5	727.8	89.7	39.2	242.7	84.8	46.2	26.8
1932	2,071.8	-----	676.1	239.3	713.9	95.8	39.4	239.2	84.8	45.6	26.0
1933	2,053.2	-----	663.5	239.2	695.8	101.4	38.3	233.8	82.6	43.5	25.6
1934	2,025.0	1,166.5	648.6	235.1	684.8	105.5	37.1	227.3	81.9	41.7	25.0
1935	1,921.9	1,114.5	633.5	220.5	668.8	106.4	35.0	220.5	80.9	40.3	24.9
1936	1,815.7	1,068.3	614.2	208.6	650.9	106.7	33.4	214.8	79.8	39.2	24.7
1937	1,715.6	1,026.6	598.4	201.5	645.4	106.1	32.7	212.5	79.9	39.0	24.8
1938	1,627.9	988.4	587.5	194.6	638.9	105.8	31.8	207.1	78.6	38.5	24.4
1939	1,553.5	950.4	582.6	188.1	628.8	105.7	30.6	201.4	77.7	37.6	24.1
1940	1,532.4	940.2	597.0	184.0	624.5	105.5	28.7	194.9	75.5	36.5	24.0
1941	1,495.7	919.3	617.0	180.6	627.6	105.8	28.3	187.8	73.8	36.0	24.1
1942	1,470.9	905.7	635.6	178.5	627.7	105.6	28.1	183.6	72.7	35.3	25.1
1943	1,448.9	889.4	651.7	176.6	626.7	106.6	28.7	180.9	72.9	34.7	25.1
1944	1,436.1	884.9	664.6	175.2	625.4	106.9	29.4	178.2	72.7	34.6	25.1
1945	1,421.7	877.7	675.6	174.4	627.2	108.0	30.6	177.4	72.9	34.5	25.2
1946	1,409.0	872.4	683.1	174.1	627.3	108.8	31.1	176.8	73.4	34.4	25.1
1947	1,388.7	864.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	34.3	25.2
1948	1,361.1	849.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	33.6	25.4
1949 <sup>3</sup>	1,333.6	833.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	32.7	26.2

  

Year	Avoca- dos	Oranges (exclud- ing Florida tan- gerines)	Tange- rines, Florida	Grape- fruit	Lemons, Calif- ornia	Limes, Florida	Cran- berries	Straw- berries	18 fruits	
									Includ- ing all apples	Including apples in commercial areas only
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	3.3	334.4	15.4	81.3	40.5	1.8	27.4	206.9	5,076.0	-----
1930	3.8	346.1	18.4	88.6	40.7	1.8	27.6	178.5	5,024.1	-----
1931	4.6	369.0	22.0	104.0	41.0	1.7	27.6	156.2	5,000.3	-----
1932	5.8	390.6	22.5	121.9	40.7	1.9	27.3	191.0	5,033.6	-----
1933	7.2	403.7	23.2	141.3	40.2	2.0	26.9	197.5	5,018.9	-----
1934	8.9	425.6	24.1	157.1	40.4	2.1	26.5	197.3	4,994.0	4,135.5
1935	10.2	440.8	25.1	172.2	40.6	2.2	26.3	159.0	4,829.1	4,021.7
1936	11.9	453.7	25.2	182.5	42.1	2.4	26.2	155.3	4,687.3	3,939.9
1937	13.3	467.5	25.3	187.3	45.4	2.9	26.1	143.6	4,567.3	3,878.3
1938	14.2	478.7	25.2	189.4	49.4	3.3	25.8	155.3	4,476.4	3,836.9
1939	14.8	485.2	25.1	190.8	52.0	3.7	25.6	161.1	4,388.4	3,785.3
1940	15.3	497.1	24.5	190.9	54.1	4.3	25.4	164.4	4,379.0	3,786.8
1941	15.5	505.6	24.5	191.7	55.7	6.0	25.4	169.0	4,370.9	3,794.5
1942	15.1	518.2	23.4	193.0	57.1	5.7	25.4	155.8	4,356.8	3,791.6
1943	15.5	526.2	23.4	194.1	60.1	5.4	25.4	111.5	4,314.4	3,754.9
1944	15.8	534.1	23.4	194.6	62.7	5.1	25.4	77.4	4,286.7	3,735.5
1945	16.1	546.3	23.5	196.6	65.5	4.8	25.7	77.6	4,303.6	3,759.6
1946	15.4	554.7	23.7	198.5	66.6	4.5	26.0	91.8	4,324.3	3,787.7
1947	(2)	567.7	23.8	200.0	64.9	4.5	26.2	116.4	4,341.4	3,817.2
1948	(2)	582.4	24.0	200.5	64.7	4.6	26.6	122.8	4,315.9	3,804.3
1949 <sup>3</sup>	(2)	565.9	24.2	176.0	58.2	4.8	27.0	127.4	4,171.2	3,671.1

<sup>1</sup> Estimates of the commercial acreage refer to the acreage of apples in the commercial apple areas of each State.

<sup>2</sup> Not available.

<sup>3</sup> Preliminary.

<sup>4</sup> For 1947, 1948 and 1949, includes peach, pear and grape acreages for certain States in which production estimates were discontinued beginning with 1947.

Bureau of Agricultural Economics.

TABLE 214.—*Production<sup>1</sup> of 18 fruits in tons, United States, 1929-49*

Year	Apples		Peaches	Pears	Grapes	Cherries	Plums	Prunes (fresh basis)	Apricots	Figs (fresh basis)	Olives, California
	All	Commercial crop <sup>2</sup>									
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929.....	3,242	.....	1,089	535	2,086	98	44	522	220	61	21
1930.....	3,759	.....	1,353	668	2,458	122	90	855	198	74	20
1931.....	4,930	.....	1,868	623	1,647	126	72	685	281	58	16
1932.....	3,523	.....	1,059	603	2,233	145	74	587	273	64	22
1933.....	3,567	.....	1,107	591	1,939	136	62	587	271	71	14
1934.....	3,077	2,544	1,166	693	1,958	138	68	598	154	79	18
1935.....	4,186	3,370	1,331	642	2,477	146	54	852	228	84	32
1936.....	2,804	2,353	1,170	673	1,897	124	68	568	257	72	27
1937.....	4,835	3,676	1,441	721	2,726	148	71	714	324	100	28
1938.....	3,011	2,537	1,294	781	2,671	144	66	854	185	107	45
1939.....	.....	3,342	1,541	721	2,449	184	77	673	332	88	23
1940.....	.....	2,674	1,388	730	2,466	173	74	543	127	112	69
1941.....	.....	2,933	1,809	719	2,725	162	77	583	214	121	55
1942.....	.....	3,041	1,601	746	2,396	197	76	542	228	103	57
1943.....	.....	2,095	1,026	593	2,965	116	78	625	104	134	57
1944.....	.....	2,910	1,877	773	2,712	196	96	507	352	125	42
1945.....	.....	1,603	1,957	812	2,781	149	73	711	192	113	30
1946.....	.....	2,866	2,079	848	3,160	230	106	688	339	129	48
1947.....	.....	2,713	1,974	868	3,036	172	78	594	202	131	40
1948.....	.....	2,122	1,568	648	3,078	214	70	544	247	103	58
1949 <sup>3</sup> .....	.....	3,210	1,796	894	2,662	250	96	539	198	94	39

  

Year	Avoca- dos	Oranges (exclud- ing Florida tan- gerines)	Tange- rines, Florida	Grape- fruit	Lemons, Calif- ornia	Limes, Florida	Cran- berries	Straw- berries, com- mercial crop	18 fruits	
									Includ- ing all apples	Including apples (commercial crop only) in commercial areas
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929.....	8	1,181	38	435	232	.3	28	232	10,065	.....
1930.....	2.8	2,017	108	731	302	.3	29	165	12,952	.....
1931.....	3.4	1,808	90	588	292	.4	33	207	13,328	.....
1932.....	3.1	1,893	86	581	255	.4	29	236	11,666	.....
1933.....	4.7	1,747	90	561	277	.5	35	219	11,279	.....
1934.....	11.3	2,337	90	820	408	.6	22	188	11,826	11,293
1935.....	6.2	1,919	94	693	296	.5	26	195	13,262	12,446
1936.....	6.8	2,019	135	1,197	288	1.8	25	162	11,495	11,044
1937.....	7.3	2,776	104	1,198	354	2.8	44	195	15,789	14,630
1938.....	17.0	2,962	153	1,698	422	3.8	24	180	14,618	14,144
1939.....	10.0	2,850	108	1,359	455	3.8	35	212	.....	14,463
1940.....	15.5	3,213	122	1,669	655	3.2	29	222	.....	14,285
1941.....	19.8	3,394	94	1,564	463	6.0	36	225	.....	15,200
1942.....	17.7	3,539	189	1,979	588	7.0	41	232	.....	15,580
1943.....	25.9	4,293	162	2,191	436	7.6	34	116	.....	15,058
1944.....	15.3	4,514	180	2,034	496	10.0	19	79	.....	16,937
1945.....	22.4	4,213	189	2,485	571	8.0	33	94	.....	16,036
1946.....	16.0	4,767	212	2,330	545	6.8	43	126	.....	18,539
1947.....	20.9	4,670	180	2,427	508	6.8	40	160	.....	17,821
1948.....	17.5	4,242	198	1,793	395	8.0	48	184	.....	15,538
1949 <sup>3</sup> .....	17.6	4,361	225	1,422	411	10.4	42	160	.....	16,427

<sup>1</sup> For some crops in certain years, production includes some quantities unharvested on account of economic conditions and/or excess cullage of harvested fruit. Apples, peaches, pears, citrus fruit, cranberries, and strawberries, which are estimated in units other than tons, are converted to equivalent tons in this table.

<sup>2</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1944, table 188.

TABLE 215.—Apples: Production, value, and foreign trade, United States, 1929-49

Year	Apples, total crop				Apples, commercial crop <sup>2</sup>				Foreign trade, year beginning July <sup>3 4</sup>				
	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Domestic exports			Imports, fresh and dried, in terms of fresh	Net exports in terms of fresh fruit <sup>7</sup>
									Fresh <sup>5</sup>	Dried, in terms of fresh <sup>6</sup>	Canned, in terms of fresh		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1929	126,433												
1929	135,102	135,102	1.39	187,792					10,279	3,466	836	312	14,269
1930	156,623	156,623	1.03	161,677					20,340	5,559	640	105	26,437
1931	205,404	203,304	.64	129,230					18,030	4,602	695	82	23,246
1932	146,809	142,589	.61	86,886					13,754	5,690	748	6	20,186
1933	148,640	144,040	.79	113,908					12,261	6,297	439	13	18,985
1934	124,237												
1934	128,203	126,858	.89	112,308	106,005	104,757	0.88	91,667	8,062	3,571	561	28	12,166
1935	174,407	164,778	.73	120,066	140,398	131,843	.72	94,797	12,239	5,032	900	5	18,166
1936	116,827	115,910	1.04	121,028	98,025	97,295	1.04	101,023	6,755	3,343	503	36	10,564
1937	201,459	185,906	.67	123,818	153,169	141,035	.64	90,757	10,958	4,062	497	5	15,511
1938	125,440	121,249	.83	100,808	105,718	101,850	.82	83,851	12,071	5,112	625	47	17,761
1939	160,093												
1939					139,247	124,729	.64	80,113	3,216	2,490	538	107	6,137
1940					111,436	106,811	.80	85,283	867	514	29	588	822
1941					122,217	119,642	.96	114,796	1,730	2,297	73	11	4,089
1942					126,707	118,368	1.37	161,850	435	1,611	24	541	1,529
1943					87,310	87,310	2.39	208,775	317	2,468	157	178	2,764
1944	135,968												
1944					121,266	119,225	2.21	263,781	1,287	1,663	21	2,396	575
1945					66,796	66,796	3.01	201,041	1,302	615	47	275	1,689
1946					119,410	118,903	2.46	292,757	5,179	1,654	111	1,006	5,938
1947					113,041	108,534	1.79	194,312	2,880	621	86	1,255	2,332
1948					88,407	87,559	2.23	195,100	1,361	173	47	2,146	565
1949 <sup>10</sup>					133,742	121,841	1.38	168,262					

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>2</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State. Since 1938, official estimates of apple production have been restricted by law to the commercial crop.

<sup>3</sup> Compiled from reports of the Department of Commerce.

<sup>4</sup> Dried and canned are converted to terms of fresh apples on following basis: 1 pound of dried is equivalent to about 7 pounds fresh through 1942 (beginning 1943, 1 pound dried is equivalent to 8 pounds fresh); 1 pound of canned is equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.

<sup>5</sup> Excludes apple waste.

<sup>6</sup> Beginning January 1933, includes apple waste, not separately reported prior to this date.

<sup>7</sup> Total exports (domestic plus foreign) minus imports. Beginning 1933, domestic exports minus imports for consumption.

<sup>8</sup> Beginning 1933, imports for consumption.

<sup>9</sup> Net imports.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production. Data for 1909-28 in Agricultural Statistics, 1944, table 189.

TABLE 216.—Apples, commercial crop:<sup>1</sup> Production by varieties, by States and areas, 1948 and 1949

Season and variety	New England		New York		New Jersey		Pennsylvania		Total North Atlantic States		Virginia	
	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Summer:												
Gravenstein	114	202			9	9			123	211		
Other summer	113	173	352	402	100	312	90	290	655	1,177	181	170
Fall:												
Grimes Golden					55	156	225	436	280	592	495	391
Jonathan					14	31	360	770	374	801	247	313
Wealthy	189	202	822	800	27	63	180	190	1,218	1,255		
Other fall	58	86	352	350	68	93	135	533	613	1,062	412	313
Winter:												
Baldwin	768	1,168	588	2,100	28	31	135	190	1,519	3,489		
Ben Davis and Gano	40	52	352	804			135	190	527	1,046	231	406
Black Twig (Paragon)					14	63	90	242	104	305	214	430
Cortland	314	465	1,410	2,100	41	94	90	190	1,855	2,849		
Delicious	256	517	588	804	95	281	270	654	1,209	2,256	577	1,194
Golden Delicious	28	37			95	156	180	390	303	583	330	272
McIntosh	3,018	5,066	3,879	6,227	109	281	270	490	7,276	12,064		
Northern Spy	223	305	352	804			45	100	620	1,209		
R. I. Greening	76	164	1,528	3,289	6	31	5	20	1,615	3,504		
Rome Beauty	25	49	705	1,205	450	875	590	1,060	1,770	3,189	214	239
Stayman	8	16			205	531	635	1,740	848	2,287	865	1,023
Winesap					28	63	45	165	73	228	1,071	1,449
Yellow Newtown <sup>3</sup>											412	384
York Imperial					5	7	950	1,550	955	1,557	2,826	1,705
Other winter	266	410	822	1,205	15	47	90	480	1,193	2,142	165	236
Total	5,496	8,912	11,750	20,090	1,364	3,124	4,520	9,680	23,130	41,806	8,240	8,625

  

Season and variety	West Virginia		North Carolina		Maryland and Delaware		Total South Atlantic States		Ohio		Illinois	
	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Summer:												
Gravenstein												
Other summer	138	112	10	4	112	221	441	507	97	218	312	543
Fall:												
Grimes Golden	275	372	29	27	100	115	899	905	135	327	120	260
Jonathan	165	260	10	4	58	102	480	679	174	599	553	919
Wealthy					21	49	21	49	77	136	72	125
Other fall	83	149	39	4	21	61	555	527	39	55	24	42
Winter:												
Baldwin									136	926		
Ben Davis and Gano	82	298	19	4	23	41	355	749	19	54	24	42
Black Twig (Paragon)	28	74	29	14	27	41	298	559				
Cortland									39	163		
Delicious	192	633	127	90	70	236	966	2,153	135	490	168	376
Golden Delicious	165	223	117	72	61	138	673	705	136	272	240	585
McIntosh									97	218		
Northern Spy									39	109		
R. I. Greening									19	82		
Rome Beauty	192	298	98	40	204	210	708	787	503	980	72	125
Stayman	192	372	263	72	126	196	1,446	1,663	136	436	24	42
Winesap	55	74	59	32	9	12	1,194	1,567			96	167
Yellow Newtown <sup>3</sup>							412	384				
York Imperial	1,045	781	20	4	379	335	4,270	2,825	39	54		
Other winter	138	74	156	81	99	118	558	509	116	327	696	960
Total	2,750	3,720	976	448	1,310	1,875	13,276	14,568	1,936	5,446	2,401	4,176

See footnotes at end of table.

TABLE 216.—*Apples, commercial crop:*<sup>1</sup> *Production by varieties, by States and areas, 1948 and 1949—Continued*

Season and variety	Michigan		Missouri		Other Central States <sup>4</sup>		Total Central States		Idaho		Colorado	
	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Summer:												
Gravenstein.....												
Other summer.....	435	475	52	80	287	414	1,183	1,730	15	18	14	16
Fall:												
Grimes Golden.....	270	480	52	90	239	342	816	1,489	15	18	28	16
Jonathan.....	800	2,475	236	400	623	1,039	2,386	5,432	304	420	475	570
Wealthy.....	400	640	10	30	263	384	822	1,315			14	16
Other fall.....	95	170	18	30	119	259	295	556	7	9	14	16
Winter:												
Baldwin.....	150	785			6	17	292	1,728				
Ben Davis and Gano.....	90	190	47	120	175	202	355	608	51	82	181	163
Black Twig (Paragon).....					9	11	9	11				
Cortland.....					64	140	103	303				
Delicious.....	180	1,020	77	155	289	542	849	2,583	333	465	167	326
Golden Delicious.....	75	145	66	220	301	520	818	1,742	15	18		
McIntosh.....	850	1,675			130	185	1,077	2,078				
Northern Spy.....	600	1,320			12	17	651	1,446				
R. I. Greening.....	105	315			1	8	125	405				
Rome Beauty.....					143	285	718	1,390	536	622	251	277
Stayman.....	40	200	41	80	221	361	462	1,119	15	18		
Winesap.....			63	104	203	287	362	558	101	82	195	163
Yellow Newtown <sup>3</sup> .....												
York Imperial.....			62	80	60	98	161	232				
Other winter.....	740	1,845	141	159	267	358	1,960	3,649	58	73	56	65
Total.....	4,830	11,735	865	1,548	3,412	5,469	13,444	28,374	1,450	1,825	1,395	1,628

  

Season and variety	Washington		Oregon		California		Other Western States <sup>4</sup>		Total Western States		Total 35 States	
	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Summer:												
Gravenstein.....			26	31	1,820	3,022			1,846	3,053	1,969	3,264
Other summer.....	26	25	3	11	59	94	27	26	144	190	2,423	3,604
Fall:												
Grimes Golden.....							15	16	58	50	2,053	3,036
Jonathan.....	1,958	1,591	43	85	176	283	342	328	3,298	3,277	6,538	10,189
Wealthy.....							15	10	29	26	2,090	2,645
Other fall.....	26	22	12	10	411	567	23	22	493	646	1,956	2,791
Winter:												
Baldwin.....											1,811	5,217
Ben Davis and Gano.....							89	85	321	330	1,558	2,733
Black Twig (Paragon).....							29	24	29	24	440	899
Cortland.....											1,958	3,152
Delicious.....	13,009	18,042	763	1,041	470	756	262	245	15,004	20,875	18,028	27,867
Golden Delicious.....	721	445							736	463	2,530	3,493
McIntosh.....	26	32					178	142	204	174	8,557	14,316
Northern Spy.....											1,271	2,655
R. I. Greening.....											1,740	3,909
Rome Beauty.....	1,468	1,336	59	91	293	472	216	215	2,823	3,013	6,019	8,379
Stayman.....	206	223					45	47	266	288	3,022	5,357
Winesap.....	7,754	9,514	44	36	117	189	71	83	8,282	10,067	9,911	12,420
Yellow Newtown <sup>3</sup> .....	309	445	1,327	1,347	1,702	2,834			3,338	4,626	3,750	5,010
York Imperial.....							8	8	8	8	5,394	4,622
Other winter.....	257	145	391	301	822	1,228	94	72	1,678	1,884	5,389	8,184
Total.....	25,760	31,820	2,668	2,953	5,870	9,445	1,414	1,323	38,557	48,994	88,407	133,742

<sup>1</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>2</sup> Preliminary. <sup>3</sup> Albemarle Pippin synonymous with Yellow Newtown.

<sup>4</sup> Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>5</sup> Montana, New Mexico, and Utah. Bureau of Agricultural Economics.

TABLE 217.—Apples, commercial crop<sup>1</sup>: Production and season average price per bushel received by farmers, by States, average 1938-47, annual 1947-49

Area and State	Production <sup>2</sup>				Price <sup>4</sup> for crop of—			
	Average 1938-47	1947	1948	1949 <sup>3</sup>	Average 1938-47	1947	1948	1949 <sup>3</sup>
<b>Eastern States:</b>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
North Atlantic:								
Maine.....	717	930	949	1,006	1.94	2.80	2.70	2.05
New Hampshire.....	721	838	612	1,056	1.94	2.40	2.65	1.85
Vermont.....	626	799	774	1,089	1.99	2.60	2.55	1.85
Massachusetts.....	2,488	2,864	2,194	3,842	1.90	2.25	2.60	1.80
Rhode Island.....	218	187	143	279	1.94	2.55	2.90	1.85
Connecticut.....	1,256	1,273	824	1,640	2.06	2.65	3.00	1.95
New York.....	14,620	15,045	11,750	20,090	1.69	1.45	2.00	1.15
New Jersey.....	2,655	1,935	1,364	3,124	1.82	2.10	2.40	1.60
Pennsylvania.....	7,598	6,612	4,520	9,680	1.74	1.90	1.90	1.20
Total.....	30,899	30,483	23,130	41,806	1.75	1.83	2.17	1.36
South Atlantic:								
Delaware.....	714	334	382	624	1.54	1.85	2.10	1.45
Maryland.....	1,003	938	928	1,251	1.54	1.85	2.10	1.50
Virginia.....	9,664	5,072	8,240	8,525	1.56	1.80	1.60	1.15
West Virginia.....	3,946	2,820	2,750	3,720	1.48	1.90	1.75	1.15
North Carolina.....	958	768	976	448	1.50	2.20	2.00	2.00
Total.....	16,885	9,932	13,276	14,568	1.54	1.87	1.71	1.22
Total Eastern States.....	47,783	40,415	36,406	56,374	1.66	1.84	2.00	1.32
<b>Central States:</b>								
North Central:								
Ohio.....	3,875	3,038	1,936	5,446	1.76	1.90	2.40	1.25
Indiana.....	1,344	1,489	1,018	1,715	1.79	2.05	2.15	1.45
Illinois.....	3,045	4,187	2,401	4,176	1.84	1.75	2.25	1.35
Michigan.....	6,840	6,400	4,830	11,735	1.56	1.35	2.20	1.05
Wisconsin.....	704	799	642	724	1.71	2.10	2.50	1.35
Minnesota.....	186	272	53	357	1.76	2.20	2.95	1.30
Iowa.....	175	108	131	223	2.02	2.50	2.75	1.80
Missouri.....	1,229	1,630	865	1,548	1.83	2.10	2.50	1.55
Nebraska.....	193	88	102	120	1.98	2.30	2.50	1.90
Kansas.....	626	755	376	808	1.94	2.25	2.25	1.90
Total.....	18,217	18,766	12,354	26,852	1.68	1.74	2.29	1.24
South Central:								
Kentucky.....	269	276	250	433	1.59	2.30	2.15	1.75
Tennessee.....	339	396	273	383	1.73	2.40	2.35	2.10
Arkansas.....	575	756	567	706	1.52	1.25	2.00	1.20
Total.....	1,183	1,428	1,090	1,522	1.59	1.82	2.12	1.57
Total Central States.....	19,400	20,194	13,444	28,374	1.67	1.74	2.27	1.27
<b>Western States:</b>								
Montana.....	258	238	214	170	1.65	1.95	2.20	1.50
Idaho.....	2,092	2,075	1,450	1,825	1.59	1.30	1.80	1.00
Colorado.....	1,524	1,568	1,395	1,628	1.52	1.95	2.20	1.60
New Mexico.....	717	620	750	788	1.74	2.30	2.10	1.80
Utah.....	477	505	450	365	1.69	2.00	1.95	1.55
Washington.....	28,034	33,480	25,760	31,820	1.83	2.05	2.80	1.73
Oregon.....	2,871	2,864	2,668	2,953	1.60	1.57	2.10	1.70
California.....	7,959	11,082	5,870	9,445	1.19	.93	1.22	.81
Total Western States.....	43,931	52,432	38,557	48,994	1.67	1.77	2.43	1.51
Total 35 States.....	111,114	113,041	88,407	133,742	1.65	1.79	2.23	1.38

<sup>1</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>2</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1947, 1948, and 1949, estimates of such quantities were as follows (1,000 bushels): 1947—Conn., 25; N. Y., 451; Ohio, 1; Ind., 30; Ill., 375; Mich., 200; Minn., 14; Nebr., 3; Kans., 23; Ark., 113; Mont., 29; Ida., 58; Calif., 1,125; 1948—Va., 86; Nebr., 10; Mont., 32; N. Mex., 38; Ore., 100; 1949—Vt., 44; Mass., 115; R. I., 14; Conn., 98; N. Y., 1,808; N. J., 219; Penn., 755; Ohio, 817; Ind., 292; Ill., 626; Mich., 2,347; Wis., 109; Minn., 71; Iowa, 31; Mo., 155; Nebr., 12; Kans., 57; Ky., 30; Tenn., 19; Mont., 8; Ida., 182; Colo., 163; N. Mex., 39; Utah, 21; Wash., 1,810; Ore., 150.

<sup>3</sup> Preliminary.

<sup>4</sup> Prices apply only to that portion of the crop utilized.

<sup>5</sup> Includes excess cullage of harvested fruit as follows (1,000 bushels): 1947—Vt., 16; Conn., 25; N. Y., 438; Ohio, 152; Ind., 70; Mich., 55; Minn., 23; Kans., 37; Mont., 21; Ida., 104; Colo., 232; N. Mex., 37; Utah, 65; Wash., 670; Ore., 20; 1948—N. Y., 294; Mont., 41; Ida., 50; Colo., 76; N. Mex., 45; Wash., 76; 1949—N. Y., 914; Ohio, 185; Ind., 71; Kans., 23; Mont., 30; Ida., 36; Colo., 65; N. Mex., 55; Wash., 530.

Bureau of Agricultural Economics.



TABLE 218.—*Apples: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>

Continent and country	Average		1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
North America:						
Canada.....	14,560	13,459	19,282	15,619	13,404	17,547
Mexico <sup>3</sup> .....	1,725	2,562	2,918	2,836	2,808	2,985
United States.....	127,311	113,787	119,410	113,041	88,407	133,181
Total.....	143,596	129,808	141,610	131,496	104,619	153,713
Europe:						
Austria:						
Dessert and cooking.....	7,095	4,624	18,601	6,200	10,242	6,889
Cider.....	6,291	4,101	9,847	2,420	5,374	3,674
Belgium.....	5,435	6,103	2,296	13,779	3,215	18,372
Bulgaria.....	1,117	3,617	2,677	1,766	1,500	2,000
Czechoslovakia.....	6,931	3,362	9,619	9,466	12,242	10,775
Denmark.....	2,818	4,593	7,440	6,889	11,482	7,578
Finland.....	1,023	1,187	1,817	1,708	1,500	2,250
France:						
Dessert and cooking.....	10,499	9,724	13,103	16,110	13,411	16,695
Cider.....	153,973	114,570	71,059	72,250	72,323	113,449
Germany:						
Western Zone.....	36,116	34,099	15,441	38,682	24,214	27,902
Eastern Zone.....	10,788	7,676	3,440	8,618	5,395	6,208
Greece.....	374	564	965	1,291	1,405	1,639
Hungary.....	2,145	1,148	919	1,415	2,067	3,123
Italy.....	12,923	14,792	13,565	22,023	17,379	30,919
Luxembourg:						
Dessert and cooking.....	193	296	428	427	300	500
Cider.....	93	83	52	49	25	50
Netherlands.....	3,631	4,048	4,774	9,967	7,211	11,482
Norway.....	1,080	798	1,496	1,188	1,654	501
Poland and Danzig.....	8,200	6,600	8,500	8,300	6,900	7,300
Rumania.....	3,255	3,754	4,134	2,722	2,296	4,500
Spain.....	5,411	6,603	4,646	2,500	3,996	4,134
Sweden.....	4,770	3,809	4,960	5,603	8,038	6,798
Switzerland.....	16,452	25,353	29,854	17,453	29,854	11,942
United Kingdom:						
Dessert and cooking.....	10,597	13,831	16,717	28,877	19,927	21,920
Cider.....	3,427	3,256	5,133	4,951	3,948	4,200
Yugoslavia.....	7,098	9,187	8,911	7,895	5,000	6,000
Total.....	321,735	287,778	260,394	292,549	270,898	330,700
Total, excluding cider.....	157,951	165,768	174,303	212,879	189,228	209,327
Asia:						
Lebanon.....	<sup>4</sup> 104	260	643	597	597	758
Palestine.....	65	118	231	240	200	250
Syria.....	( <sup>5</sup> ) 84	84	260	257	257	260
Turkey.....	5,149	3,676	4,452	2,709	4,528	5,191
Japan.....	7,624	10,372	4,180	7,073	13,962	15,500
Korea.....	3,220	5,501	3,214	2,378	3,200	2,000
Total.....	16,162	20,011	12,980	13,254	22,744	23,959
South America:						
Argentina.....	1,400	6,135	7,173	4,400	8,900	7,300
Chile.....	1,025	591	900	827	877	852
Total.....	2,425	6,726	8,073	5,227	9,777	8,152
Africa:						
Tunisia.....	115	136	184	207	175	200
Union of South Africa.....	1,142	1,125	1,000	1,000	1,250	1,312
Total.....	1,257	1,261	1,184	1,207	1,425	1,512
Oceania:						
Australia.....	10,435	11,741	10,293	14,292	8,009	10,000
New Zealand.....	2,875	2,373	1,933	3,240	2,853	3,041
Total.....	13,310	14,114	12,226	17,532	10,862	13,041
World total.....	498,485	459,698	436,467	461,265	420,325	531,077
World total, excluding cider.....	334,701	337,688	350,376	381,595	338,655	409,704

<sup>1</sup> Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvest in Southern Hemisphere countries of the following year. <sup>2</sup> Preliminary. <sup>3</sup> Includes an estimated increase of 71 percent due to a revised estimate of the red-apple crop. <sup>4</sup> Includes Syria.

<sup>5</sup> Included with Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information, and on the basis of postwar boundaries. Estimates in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 48 pounds.

TABLE 219.—*Apples, commercial crop: Production and utilization, by States and areas, 1948 and 1949 crops*

## CROP OF 1948

State and area	Production (com- mercial)	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm house- hold use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New England States.....	5,496	5,496	478	5,018	4,552	21	—	—	445
New York.....	11,750	11,456	644	10,812	6,523	2,236	40	184	1,829
Pennsylvania.....	4,520	4,520	480	4,040	2,140	1,050	—	110	740
Virginia.....	8,240	8,154	500	7,654	4,377	2,115	—	—	<sup>3</sup> 1,162
West Virginia.....	2,750	2,750	195	2,555	1,550	425	—	—	<sup>3</sup> 580
Michigan.....	4,830	4,830	240	4,590	3,525	275	—	35	755
Washington.....	25,760	25,684	108	25,576	23,468	229	1,286	56	537
Oregon.....	2,668	2,568	175	2,393	1,951	271	—	—	171
California.....	5,870	5,870	112	5,758	2,661	831	1,073	120	1,073
Other States.....	16,523	16,281	1,920	14,311	12,637	343	63	112	1,156
North Atlantic States <sup>4</sup> .....	23,130	22,836	1,662	21,174	14,355	3,322	40	294	3,163
South Atlantic States <sup>5</sup> .....	13,276	13,190	1,120	12,070	7,365	2,831	105	321	1,448
Central States <sup>6</sup> .....	13,444	13,434	1,451	11,983	10,076	285	—	60	1,562
Western States <sup>7</sup> .....	38,557	38,099	619	37,480	31,588	1,358	2,419	238	1,877
Total, 35 States.....	88,407	87,559	4,852	82,707	63,384	7,796	2,564	913	8,050

CROP OF 1949 <sup>8</sup>

New England States.....	8,912	8,641	599	8,042	7,081	34	—	—	927
New York.....	20,090	17,368	700	16,668	7,919	4,406	222	349	3,772
Pennsylvania.....	9,680	8,925	700	8,225	4,725	1,900	125	160	1,315
Virginia.....	8,525	8,525	450	8,075	3,211	3,552	—	—	<sup>3</sup> 1,312
West Virginia.....	3,720	3,720	195	3,525	1,462	1,369	—	—	<sup>3</sup> 694
Michigan.....	11,735	9,388	360	9,028	5,758	630	—	261	2,379
Washington.....	31,820	29,480	120	29,360	26,094	403	2,071	42	750
Oregon.....	2,953	2,803	180	2,623	2,263	203	—	—	160
California.....	9,445	9,445	112	9,333	4,215	1,120	2,210	166	1,622
Other States.....	26,862	23,546	2,277	21,269	17,273	463	41	200	3,292
North Atlantic States <sup>4</sup> .....	41,806	37,839	2,077	35,762	21,924	6,350	347	509	6,632
South Atlantic States <sup>5</sup> .....	14,568	14,568	969	13,599	6,314	5,126	179	390	1,590
Central States <sup>6</sup> .....	28,374	23,529	2,015	21,514	15,678	764	—	301	4,771
Western States <sup>7</sup> .....	48,994	45,005	632	45,273	36,085	1,837	4,321	331	2,699
Total, 35 States.....	133,742	121,841	5,693	116,148	80,001	14,077	4,847	1,531	15,692

<sup>1</sup> Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions and/or excess cullage of harvested fruit (1,000 bushels): In 1948, not harvested, Virginia, 86; Nebraska, 10; Montana, 32; New Mexico, 38; Oregon, 100; excess cullage, New York, 294; Montana, 41; Idaho, 50; Colorado, 76; New Mexico, 45; Washington, 76; in 1949, not harvested, Vermont, 44; Massachusetts, 115; Rhode Island, 14; Connecticut, 98; New York, 1808; New Jersey, 219; Pennsylvania, 755; Ohio, 817; Indiana, 292; Illinois, 626; Michigan, 2347; Wisconsin, 109; Minnesota, 71; Iowa, 31; Missouri, 155; Nebraska, 12; Kansas, 57; Kentucky, 30; Tennessee, 19; Montana, 8; Idaho, 182; Colorado, 163; New Mexico, 39; Utah, 21; Washington, 1810; Oregon, 150; excess cullage, New York, 914; Ohio, 185; Indiana, 71; Kansas, 23; Montana, 30; Idaho, 36; Colorado, 65; New Mexico, 55; Washington, 530.

<sup>2</sup> Mostly fruit crushed for vinegar, cider, and juice. For some minor States, small quantities canned, dried, and frozen are included.

<sup>3</sup> Includes some quantities dried and/or frozen which are shown under those categories in the totals for the South Atlantic and the 35 States.

<sup>4</sup> Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>5</sup> Delaware, Maryland, Virginia, West Virginia, and North Carolina.

<sup>6</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>7</sup> Montana, Idaho, Colorado, New Mexico, Utah, Washington, Oregon, and California.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 220.—*Apples, commercial crop: Production and utilization, United States, 1940-49 crops*

Crop of	Production (commercial)	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940-----	111,436	106,811	6,673	100,138	78,195	6,571	4,268	-----	11,104
1941-----	122,217	119,642	6,680	112,962	79,629	11,649	6,165	-----	15,519
1942-----	126,707	118,368	6,404	111,964	77,853	10,481	7,376	-----	16,254
1943-----	87,310	87,310	4,851	82,459	58,103	6,692	6,692	1,114	9,968
1944-----	121,266	119,225	6,113	113,112	77,808	9,258	7,015	2,221	16,810
1945-----	66,796	66,796	2,881	63,915	47,431	3,859	4,684	2,439	5,502
1946-----	119,410	118,903	5,625	113,278	76,374	13,034	5,713	2,092	16,065
1947-----	113,041	108,534	5,420	103,114	76,825	9,003	4,971	737	11,578
1948-----	88,407	87,559	4,852	82,707	63,384	7,796	2,564	913	8,050
1949 <sup>3</sup> -----	133,742	121,841	5,693	116,148	80,001	14,077	4,847	1,531	15,692

<sup>1</sup> Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>2</sup> Mostly fruit crushed for vinegar, cider, and juice. For some minor States in some years, small quantities canned, dried, and frozen are included.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-39 in Agricultural Statistics, 1946, table 211.

TABLE 221.—*Apples, western: Average auction price per box, all grades, New York, 1940-49*

Season beginning July—	Gravenstein	Jona-than	Spitzen-berg	Golden Delic-ious	Rome Beauty	Delic-ious <sup>1</sup>	Yellow New-town	Winesap	Average <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940-----	2.18	1.65	1.58	1.97	1.78	2.09	1.84	1.94	1.97
1941-----	1.57	1.56	1.97	2.24	1.82	2.19	2.55	2.74	2.29
1942-----	2.62	-----	2.42	3.35	2.51	3.46	3.57	4.38	3.53
1943-----	4.42	3.52	-----	4.00	3.28	3.62	3.45	3.55	3.63
1944-----	3.72	3.12	3.55	3.94	3.59	3.82	3.73	3.83	3.77
1945-----	4.59	4.51	4.52	4.38	4.42	4.38	4.53	4.48	4.42
1946-----	2.45	3.10	2.98	4.15	3.26	4.49	4.28	4.58	4.35
1947-----	2.73	3.31	2.53	3.59	2.63	3.67	2.37	3.64	3.43
1948-----	3.24	3.24	3.81	4.68	4.36	4.72	2.76	3.87	4.28
1949-----	2.17	2.32	-----	3.90	3.15	3.37	3.91	4.57	3.67

<sup>1</sup> Includes Red Delicious.

<sup>2</sup> Weighted average of varieties shown in this table.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

TABLE 222.—*Apples, eastern: Average wholesale price per bushel, New York, 1940-49*

Season beginning July—	Bald-win	Delic-ious	Duch-ess	Green-ing	Mc-Intosh	North-ern Spy	Stayman Winesap	Trans-parent	Williams Red	York Imperial
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940-----	1.08	1.40	.86	1.12	1.63	-----	1.04	1.12	1.12	1.10
1941-----	1.49	1.72	.76	1.32	1.69	1.43	1.59	.86	.97	1.86
1942-----	1.85	2.14	1.20	1.42	1.95	1.84	1.12	1.23	1.70	2.08
1943-----	3.50	3.46	2.14	3.04	3.42	3.61	2.87	2.94	3.18	3.76
1944-----	2.54	3.34	1.84	2.53	3.27	2.95	2.47	2.79	2.97	2.87
1945-----	4.79	4.73	3.39	4.53	4.65	4.73	4.65	3.70	3.95	4.85
1946-----	2.29	3.31	2.02	2.34	3.88	2.36	1.99	3.78	3.89	3.09
1947-----	1.69	2.66	1.39	2.11	2.69	1.77	-----	-----	2.89	2.15
1948-----	2.98	3.56	2.74	2.60	3.52	2.77	-----	-----	3.49	3.39
1949-----	1.40	2.61	1.51	1.64	2.15	1.98	-----	-----	2.43	2.61

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on good merchantable quality and condition, 2½-inch minimum fruit, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 223.—Apples: International trade, averages 1935-39 and 1940-44, annual 1948 and 1949

Classification and country	Average				1948		1949	
	1935-39		1940-44		Exports	Imports	Exports	Imports
	Exports	Imports	Exports	Imports				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Exporting countries:								
Canada.....	6,404	225	1,755	122	2,265	60	3,409	204
United States.....	9,730	27	894	597	2,138	1,324	1,853	1,519
United States <sup>1</sup> .....	149	0	168	0	54	0	56	0
Bulgaria.....	296	0	53	0				
Denmark.....	44	105	229	3	941	0	55	0
France:								
Table.....	393	1,425	333	68	109	593	256	145
Cider.....	1,892	1	1,651	( <sup>2</sup> )	311	0	1,676	0
Greece.....	14	1	( <sup>2</sup> )	0	0	0	0	0
Hungary.....	195	66	199	( <sup>2</sup> )			5	
Italy.....	2,420	0	2,479	0	2,604	0	5,618	0
Netherlands.....	539	790	917	146	210	879	6,085	62
Portugal.....	327	0	3	0	1	0	2	0
Rumania.....	6	0	( <sup>2</sup> )	0				0
Spain.....	34	225	16	0	27	0		0
Switzerland <sup>4</sup> :								
Table.....	3948	3931	932	138	2,664	227	652	1,914
Cider.....	3381	3438	223	14	1,092	( <sup>2</sup> )	1,363	( <sup>2</sup> )
Yugoslavia.....	1,095	32	( <sup>5</sup> )	( <sup>5</sup> )				
Syria and Lebanon <sup>6</sup> .....	55	9	23	1	44	2	101	18
Turkey.....	355	0	8	0	9	0	42	0
Japan.....	181	0	272	0				
Korea (Chosen).....	359	0	773		15			
Korea (Chosen) <sup>7</sup> .....	463	0	434					
Argentina.....	255	134	275	32	367	0	898	0
Chile.....	525	0	142	0	117	0	348	0
Union of South Africa.....	274	59	218	9	141	0		
Australia <sup>8</sup> .....	4,017	0	92	0	2,933	0	1,852	0
New Zealand.....	893	4	103	0	819	0	524	
Total.....	31,614	4,242	12,192	1,130	16,861	3,085	24,795	3,862
Importing countries:								
Newfoundland and Labrador.....	0	97	0	120	0	143	0	17
Mexico.....	0	31	0	66	0	20		34
Panama, Republic of.....	0	22	0	30	0	21	0	26
Cuba.....	0	102	0	156	0	276	0	284
Puerto Rico <sup>10</sup> .....	0	331	0	32	0	54	0	56
Austria.....	3228	491	( <sup>11</sup> )	( <sup>11</sup> )	1	198	150	207
Belgium.....	397	1,657	104	108	29	1,789	692	885
Czechoslovakia.....	26	1,339				322		935
Finland.....	0	193	0	64	0	510	0	194
Germany.....	1	6,323		7,345		2,177	0	9,783
Iceland.....	0	3	0	17	0	( <sup>2</sup> )		
Ireland (Eire).....	2	310	4	22	1	77	1	138
Norway.....	41	162	0	33	0	22	0	87
Poland.....	( <sup>2</sup> )	5						
Sweden.....	12	693	( <sup>2</sup> )	212	0	756	0	620
United Kingdom <sup>12</sup> .....	0	13,638	0	1,448	0	4,565	0	4,117
Egypt.....	32	213	1	30	0	46	0	22
Palestine.....	0	272	0	62	0	119	0	1347
China.....	60	146	40	378	3	1		
Indochina <sup>14</sup> .....	0	68	0	19				
Manchuria.....	0	392	0	151	0	0		
Japan <sup>14</sup> .....	0	463		434				
Indonesia (N. I.).....	0	79	0	87		3		
Philippines, Republic of.....	0	118	0	3132	0	1,017	0	500
Brazil.....	0	306	0	374	0	684	0	1,053
Uruguay.....	0	3	0	24				
French Morocco.....	( <sup>2</sup> )	67	( <sup>2</sup> )	2				65
Algeria.....	1	101	6	320				
Belgian Congo.....	0	8	( <sup>2</sup> )	8				
Hawaii <sup>10</sup> .....	0	118	0	136	0			
Total.....	730	27,451	155	11,510	34	12,800	843	19,070
Grand total.....	32,344	31,693	12,347	12,640	16,895	15,885	25,638	22,932

<sup>1</sup> Shipments from the United States to Puerto Rico and Hawaii.<sup>2</sup> Less than 500 bushels.<sup>3</sup> Less than 5 years.<sup>4</sup> Includes pears.<sup>5</sup> Not available.<sup>6</sup> Includes quinces.<sup>7</sup> Trade with Japan.<sup>8</sup> Eight months: January-August.<sup>9</sup> Fiscal years.<sup>10</sup> Trade with the United States.<sup>11</sup> Included with Germany.<sup>12</sup> Re-exports deducted.<sup>13</sup> Israel.<sup>14</sup> Trade with Korea.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information.

TABLE 224.—*Apricots: Production, season average price per ton received by farmers, and value, 3 States, and exports, United States, 1929-49<sup>1</sup>*

Year	California			Washington			Utah			California, Washington, and Utah			Domestic exports, year beginning July				
	Production <sup>2</sup>	Price	Farm value	Production <sup>2</sup>	Price	Farm value	Production <sup>2</sup>	Price	Farm value	Production <sup>2</sup>	Price	Farm value	Fresh	Canned	Dried <sup>3</sup>	Dried, in fruit salad <sup>3 4</sup>	Total in terms of fresh <sup>5</sup>
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	1,000 pounds	Tons	Tons	Tons
1929.....	212,000	64.40	13,653	6,500	75.00	488	1,900	74.40	141	220,400	64.80	14,282	33,235	9,550	82		62,941
1930.....	194,000	40.30	7,456	3,600	51.00	184	800	60.30	48	198,400	40.59	7,688	19,024	11,824	896		73,065
1931.....	274,000	30.10	8,127	6,000	32.50	195	1,000	31.80	32	281,000	30.16	8,354	23,161	18,811	960		110,982
1932.....	266,000	18.90	4,782	4,800	26.90	129	1,750	24.20	42	272,550	19.08	4,953	19,504	17,135	870		100,429
1933.....	268,000	30.10	8,067	2,300	61.00	140	800	65.00	52	271,100	30.46	8,259	24,315	18,308	738		107,725
1934.....	139,000	55.00	7,645	11,300	46.10	512	3,400	47.60	162	153,700	54.20	8,319	10,549	7,598	703		46,932
1935.....	216,000	46.30	10,001	9,800	59.00	507	1,700	44.20	75	227,500	46.77	10,583	26,754	13,294	892		83,729
1936.....	248,000	38.30	9,498	7,200	64.00	461	1,800	32.20	58	257,000	38.98	10,017	<sup>6</sup> 243 23,731	14,682	554		88,147
1937.....	311,000	37.60	11,694	11,800	60.00	708	1,650	67.70	112	324,450	38.57	12,514	2,576	26,930	16,339		101,556
1938.....	166,000	36.60	6,076	14,500	32.90	405	4,900	23.30	114	185,400	36.00	6,595	1,536	33,076	14,420	1,286	95,635
1939.....	312,000	33.40	10,154	14,300	39.10	547	5,200	21.10	110	331,500	33.40	10,811	1,546	33,145	15,960	962	100,804
1940.....	103,000	53.60	5,521	16,300	39.80	629	7,800	27.20	212	127,100	50.30	6,362	1,311	610	1,454	221	10,149
1941.....	198,000	46.10	9,128	14,600	41.90	612	1,300	75.30	99	213,900	46.00	9,838	1,284	6,040	7,312	187	42,070
1942.....	204,000	69.90	13,910	21,000	80.30	1,686	3,100	96.60	298	228,100	71.20	15,895	2,136	12,010	5,365	130	34,827
1943.....	80,000	121.00	9,680	15,400	200.00	3,080	9,000	113.00	1,017	104,400	132.00	13,777	2,128	9,661	6,037	(?)	36,737
1944.....	324,000	108.00	34,992	23,100	135.00	3,118	4,700	117.00	560	351,800	110.00	38,660	1,245	21,751	7,897	1	49,897
1945.....	159,000	118.00	18,762	22,500	142.00	3,195	10,000	91.00	860	191,500	119.00	22,817	1,249	31,443	1,369	238	21,150
1946.....	306,000	106.00	32,436	27,300	113.00	3,085	5,400	93.60	505	338,700	106.00	36,026	3,619	33,242	3,429	1,265	40,060
1947.....	169,000	86.40	14,602	28,000	106.00	2,760	4,500	95.00	428	201,500	89.20	17,790	1,950	11,969	2,409	16	18,845
1948.....	219,000	68.20	13,163	20,300	82.40	1,513	7,300	55.00	374	246,600	69.00	15,050	11	11,674	3,431	26	22,105
1949 <sup>8</sup> .....	165,000	76.20	12,192	26,400	46.60	881	6,200	44.00	257	197,600	72.20	13,330	-----	-----	-----	-----	-----

APRICOTS

<sup>1</sup> Of the 43 States reported in the 1940 census as producing apricots, California, Washington, and Utah had 98 percent of the production.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): California, 1930—9,000; 1931—4,000; 1932—13,000; 1939—8,000; 1942—5,000; 1948—26,000; 1949—5,000; Washington, 1934—200; 1935—1,200; 1938—2,200; 1939—300; 1940—500; 1947—1,960; 1948—1,940; 1949—7,500; Utah, 1945—550; 1948—500; 1949—350. Price and value apply only to that portion of the crop utilized.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried apricots are 12½ percent of total dried fruit for salad.

<sup>5</sup> Exports of dried fruit converted to unprocessed dry weight by dividing by

1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis of 5.5 tons fresh to 1 ton dried. Canned converted to fresh at ratio of 55 cases (45 pounds each) packed from 1 ton of fresh fruit through 1938; beginning 1939 at ratio of 60 cases to 1 ton.

<sup>6</sup> Jan. 1 to June 30; not segregated prior to that time.

<sup>7</sup> Less than ½ ton.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Exports compiled from records of Department of Commerce.

TABLE 225.—*Apricots: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>

Continent and country	Average		1946	1947	1948	1949 *
	1935-39	1940-44				
North America:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada.....	1,255	2,065	3,675	2,900	3,800	6,025
Mexico.....	3,580	4,508	5,512	5,500	5,500	5,500
United States <sup>2</sup> .....	265,170	205,060	338,700	201,500	246,600	200,300
Total.....	270,005	211,633	347,887	209,900	255,900	211,825
Europe:						
Aegean Islands.....	265	295	283	198	255	250
Austria.....	3,973	1,571	9,755	6,848	1,102	5,000
Czechoslovakia.....	7,459	3,295	15,817	12,043	8,325	16,438
France.....	17,867	24,812	24,021	47,723	21,826	39,903
Germany:						
Western zone.....	1,390	960	860	1,170	760	1,300
Eastern zone.....	460	220	200	270	180	300
Hungary.....	26,560	8,791	24,692	19,620	18,841	51,808
Italy.....	26,494	21,912	21,327	13,945	20,229	21,671
Luxemburg.....	12	51	50	101	27	150
Rumania <sup>4</sup> .....	20,886	17,325	16,535	3,429	1,100	4,960
Spain.....	59,121	71,692	77,666	40,000	60,000	70,000
Switzerland.....	1,610	3,461	7,937	3,637	3,858	2,315
Yugoslavia.....	16,472	13,790	12,321	3,249	3,980	4,153
Total.....	182,569	168,175	211,464	152,233	140,483	218,248
Asia:						
Iran.....	85,775	104,340	93,695	55,115	49,604	71,650
Lebanon.....	<sup>(5)</sup>	<sup>(6)</sup>	4,960	5,512	7,055	6,063
Palestine.....	6,572	5,868	7,046	7,000	7,000	7,000
Syria.....	<sup>6</sup> 26,440	<sup>6</sup> 23,129	23,519	17,697	26,864	35,000
Turkey <sup>7</sup> .....	18,088	18,069	15,878	8,418	9,307	18,421
Total.....	136,875	151,406	145,098	93,742	99,830	138,134
South America:						
Argentina.....	7,000	10,130	8,653	8,807	8,800	9,000
Chile.....	600	507	740	1,323	1,433	1,213
Total.....	7,600	10,637	9,393	10,130	10,233	10,213
Africa:						
Tunisia.....	<sup>8</sup> 3,086	4,519	6,614	3,307	3,086	6,000
Oceania:						
Australia.....	25,038	27,101	27,875	34,902	30,000	30,000
New Zealand.....	1,851	1,539	1,464	2,033	2,709	1,764
Total.....	26,889	28,640	29,339	36,935	32,709	31,764
World total.....	627,024	575,010	749,795	506,247	542,241	616,184

<sup>1</sup> Production is from bloom of year shown and includes apricots produced for fresh consumption, drying and processing. Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary. <sup>3</sup> Figures for 3 States, Washington, California, and Utah.

<sup>4</sup> Includes peaches.

<sup>5</sup> Included in Syria.

<sup>6</sup> Includes Lebanon.

<sup>7</sup> Does not include wild apricots.

<sup>8</sup> Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, result of office research and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries.

TABLE 226.—*Apricots: Production and utilization, 3 States,<sup>1</sup> 1940-49 crops*

Crop of	Production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1940.....	127, 100	126, 600	2, 920	123, 680	26, 160	38, 920	58, 300	-----	<sup>4</sup> 300
1941.....	213, 900	213, 900	2, 790	211, 110	26, 700	75, 630	108, 400	280	100
1942.....	228, 100	223, 100	2, 830	220, 270	33, 500	70, 760	114, 400	1, 060	550
1943.....	104, 400	104, 400	3, 060	101, 340	33, 040	22, 550	36, 100	9, 580	70
1944.....	351, 800	351, 800	3, 200	348, 600	56, 100	129, 440	141, 670	21, 170	220
1945.....	191, 500	190, 950	3, 100	187, 850	44, 490	67, 450	42, 900	32, 670	340
1946.....	338, 700	338, 700	3, 140	335, 560	46, 470	167, 990	98, 750	21, 950	400
1947.....	201, 500	199, 540	3, 150	196, 390	41, 760	66, 480	84, 200	3, 830	120
1948.....	246, 600	218, 160	3, 200	214, 960	41, 170	104, 210	68, 200	1, 290	90
1949 <sup>5</sup> .....	197, 600	184, 750	3, 200	181, 550	40, 360	61, 990	78, 400	490	310

<sup>1</sup> California, Washington, and Utah.<sup>2</sup> Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions.<sup>3</sup> Includes fruit used for wine, jelly, etc., and prior to 1944 small quantities dried in Washington.<sup>4</sup> Includes small quantities frozen in Washington in 1940.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-39 in Agricultural Statistics, 1946, table 215.

TABLE 227.—*Apricots.—Production and utilization, by States, 1948 and 1949 crops*

## CROP OF 1948

State	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned <sup>2</sup>	Dried	Frozen	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
California.....	219, 000	193, 000	1, 700	191, 300	20, 900	101, 500	68, 200	700	-----
Washington.....	20, 300	18, 360	800	17, 500	14, 800	2, 080	-----	590	90
Utah.....	7, 300	6, 800	700	6, 100	5, 470	630	-----	-----	-----
3 States.....	246, 600	218, 160	3, 200	214, 960	41, 170	104, 210	68, 200	1, 290	90

CROP OF 1949<sup>4</sup>

California.....	165, 000	160, 000	1, 700	158, 300	19, 900	59, 700	78, 400	300	-----
Washington.....	26, 400	18, 900	800	18, 100	15, 580	2, 020	-----	190	310
Utah.....	6, 200	5, 850	700	5, 150	4, 880	270	-----	-----	-----
3 States.....	197, 600	184, 750	3, 200	181, 550	40, 360	61, 990	78, 400	490	310

<sup>1</sup> Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions (tons): In 1948, California, 26,000; Washington, 1,940; Utah, 500; in 1949, California, 5,000; Washington, 7,500; Utah, 350.<sup>2</sup> Includes some quantities of California apricots used for jam and nectar.<sup>3</sup> Includes fruit used for wine, jelly, etc.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 228.—*Avocados: Production, season average price per ton received by farmers, and value, California and Florida, and imports, United States, 1929-49*

Year	California			Florida			California and Florida			Imports, year be- ginning July <sup>1</sup>
	Produc- tion	Price <sup>1</sup>	Farm value	Produc- tion	Price <sup>1</sup>	Farm value	Produc- tion	Price <sup>1</sup>	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1929.....	400	658	263	420	142	60	820	394	323	3,372
1930.....	2,150	260	559	620	192	119	2,770	245	678	4,896
1931.....	2,600	166	432	820	145	119	3,420	161	551	5,097
1932.....	1,700	171	291	1,400	88	123	3,100	134	414	4,340
1933.....	2,500	168	420	2,200	98	216	4,700	135	636	2,632
1934.....	9,300	87	809	2,000	75	150	11,300	85	959	2,811
1935.....	5,200	172	894	1,000	95	95	6,200	160	989	3,765
1936.....	6,200	130	806	600	120	72	6,800	129	878	4,559
1937.....	5,300	152	806	2,000	95	190	7,300	136	996	5,692
1938.....	14,900	86	1,281	2,100	64	134	17,000	83	1,415	5,158
1939.....	7,800	144	1,123	2,200	68	150	10,000	127	1,273	3,692
1940.....	14,600	107	1,562	880	98	86	15,480	106	1,648	5,854
1941.....	18,600	101	1,879	1,250	100	125	19,850	101	2,004	5,342
1942.....	15,600	212	3,307	2,100	136	286	17,700	203	3,593	865
1943.....	21,300	228	4,856	4,600	120	552	25,900	209	5,408	1,718
1944.....	9,500	522	4,959	5,800	140	812	15,300	377	5,771	1,018
1945.....	19,200	297	5,702	3,200	144	461	22,400	275	6,163	446
1946.....	14,400	388	5,587	1,600	336	538	16,000	383	6,125	2,444
1947.....	18,600	400	7,440	2,300	200	460	20,900	378	7,900	2,992
1948.....	14,400	400	5,760	3,100	180	558	17,500	361	6,318	3,763
1949 <sup>2</sup> .....	13,700	380	5,206	3,900	150	585	17,600	329	5,791	-----

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>2</sup> Data for 1929 and 1930 compiled from reports of Federal Horticultural Board and Bureau of Plant Quarantine; beginning 1931, from Department of Commerce reports.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 288.

TABLE 229.—*Bananas: Supply, United States, 1929-49*

Year	Imports for consumption	Receipts from Hawaii and Puerto Rico	Year	Imports for consumption	Receipts from Hawaii and Puerto Rico
	1,000 bunches	1,000 bunches		1,000 bunches	1,000 bunches
1929.....	65,134	200	1940.....	52,336	112
1930.....	62,828	149	1941.....	51,662	89
1931.....	55,857	126	1942.....	27,199	0
1932.....	49,457	91	1943.....	24,729	0
1933.....	39,613	94	1944.....	31,686	0
1934.....	47,679	90	1945.....	40,953	0
1935.....	55,019	99	1946.....	53,933	0
1936.....	58,302	99	1947.....	60,105	0
1937.....	66,587	91	1948.....	59,334	0
1938.....	59,243	192	1949 <sup>1</sup> .....	54,650	0
1939.....	57,128	192			

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Bunches as reported in this table are of various weights. The average weight of a medium-sized bunch of bananas is approximately 50 pounds net. Included in the "receipts" in this table are plantains from Puerto Rico as follows: 79,000 bunches in 1938; 78,000 bunches in 1939; and 6,000 bunches in 1940. All figures obtained from reports of the Department of Commerce.



TABLE 230.—*Bananas: International trade, averages 1935-39 and 1940-44, annual 1945-49*

Continent and country	Average		1945	1946	1947	1948	1949 <sup>1</sup>
	1935-39	1940-44					
EXPORTS FROM SPECIFIED EXPORTING COUNTRIES	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches
<b>North America:</b>							
British Honduras.....	658	222	145	85	162	114	58
Costa Rica.....	4,569	3,732	3,406	6,831	10,099	15,062	15,995
Guatemala.....	8,405	5,549	8,547	9,758	14,884	12,056	7,100
Honduras <sup>2</sup> .....	211,723	10,095	13,138	14,184	15,211	15,326	13,349
Mexico.....	13,103	4,449	3,502	5,039	5,641	4,527	5,978
Nicaragua.....	1,982	338	85	220	327	475	539
Panama, Republic of.....	8,173	4,484	3,602	3 7,266	3 6,480	3 8,867	3 9,755
Panama, Canal Zone.....	1,606	796	43	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Cuba.....	5,358	2,305	1,162	1,952	1,901	1,251	652
Dominica.....	58	21	3	3			
Dominican Republic.....	291	615	971	1,221	930	1,390	1,758
Grenada.....	78	27	2	3	7		
Guadeloupe.....	1,810	336	462	838	1,404	2,158	2,723
Haiti.....	5 704	1,397	2,584	3,928	4,049	1,697	1,162
Jamaica.....	13,042	1,823	1,078	2,996	2,826	3,017	3,000
Martinique.....	1,336	112	( <sup>6</sup> )	144	483	1,248	1,700
St. Lucia.....	64	18	( <sup>7</sup> )	( <sup>7</sup> )	1		
St. Vincent.....	28	7	0	0	1		
Trinidad and Tobago.....	73	7	( <sup>7</sup> )	2			
Total.....	73,061	36,333	38,730	54,470	64,406	67,188	63,769
<b>Asia:</b>							
Syria and Lebanon.....	8	13	11		13	4	2
Japan <sup>3</sup> .....	201	133					
Formosa <sup>4</sup> .....	5,570	3,261					21
Formosa.....	645	600		173	412		
Indonesia.....	138	122					
Total.....	6,562	4,129	11	173	425	4	23
<b>South America:</b>							
Brazil.....	9,366	3,507	2,823	4,664	5,653	7,180	6,963
Colombia.....	7,475	1,976	1,316	1,820	2,739	3,697	5,026
Ecuador.....	1,920	1,146	763	1,432	2,956	4,206	5,915
Paraguay.....	1	19	0	20	20		
Surinam.....	3	0	0	( <sup>7</sup> )	1	( <sup>7</sup> )	
Venezuela.....	125	188	186	218	193	241	
Total.....	18,890	6,836	5,088	8,154	11,562	15,324	17,904
<b>Africa:</b>							
Algeria.....	7	4	0				
Belgian Congo.....	73	24	51	78	88		
Canary Islands.....	5,319	4,824	5,512	5,844	6,120	7,316	6,524
Egypt.....	12	1	6	7	7	18	
Eritrea.....	983	138			22	60	342
French Cameroom.....	907	150	0	207	751	150	
French Guinea.....	1,916	320	16	252	1,214	1,810	1,698
Ivory Coast.....	407	80	0	73	571	683	728
Gold Coast.....	56	12	( <sup>7</sup> )				
Mozambique.....	389	872	1,086	540	663	455	
Nigeria and Cameroon.....	2,337	526	( <sup>7</sup> )	205	891	2,292	3,480
Sao Tome and Principe.....	7	7	18				
Union of South Africa.....	6	9	7				
Total.....	12,419	6,967	6,696	7,206	10,327	12,784	12,772
<b>Oceania:</b>							
Fiji.....	248	137	140	156	233		
Hawaii <sup>10</sup> .....	103	39	0	0			
Tonga Islands.....	32	62	52				
Western Samoa.....	272	190	180	205	163	174	121
Total.....	655	428	372	361	396	174	121
World total.....	111,587	54,693	50,897	70,364	87,116	95,474	94,589

See footnotes at end of table.

TABLE 230.—*Bananas: International trade, averages 1935-39 and 1940-44 annual 1945-49—Continued*

Continent and country	Average		1945	1946	1947	1948	1949 <sup>1</sup>
	1935-39	1940-44					
IMPORTS INTO SPECIFIED IMPORTING COUNTRIES <sup>11</sup>	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches
North America:							
Canada.....	2,250	1,609	3,484	4,697	3,851	3,709	3,305
United States <sup>12</sup> .....	61,295	36,041	37,389	48,130	57,401	63,572	60,871
Total.....	63,545	37,650	40,873	52,827	61,252	67,281	64,176
Europe:							
Belgium.....	914	23	4	465	1,764	1,298	1,624
Denmark.....	137	4	10	2	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
Ireland (Eire).....	254	28	0	39	169	265	233
Finland.....	126	0	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	1	-----
France.....	7,416	654	3	1,102	3,771	6,297	8,017
Germany.....	5,512	15	-----	-----	-----	( <sup>7</sup> )	628
Italy.....	954	138	0	1	9	35	35
Netherlands.....	1,273	18	0	37	76	47	177
Norway.....	332	7	54	184	135	0	0
Spain.....	2,084	3,456	2,336	1,521	5,158	5,056	4,500
Sweden.....	471	13	83	956	575	284	236
Switzerland.....	282	107	164	324	334	411	513
United Kingdom.....	13,186	1,707	50	4,548	4,692	6,639	6,850
Total.....	32,991	6,170	2,704	9,179	16,683	20,333	22,813
Asia:							
Iraq.....	15	3	( <sup>7</sup> )	1	3	-----	-----
Palestine.....	0	53	110	169	259	300	-----
Japan <sup>13</sup> .....	5,570	3,261	-----	-----	-----	-----	21
Korea.....	201	133	-----	-----	-----	-----	-----
Total.....	5,786	3,469	110	170	262	300	21
South America:							
Argentina.....	6,862	3,550	2,108	3,169	4,540	5,488	5,878
Chile.....	653	677	651	849	1,129	1,031	972
Uruguay.....	445	489	334	549	634	873	667
Total.....	7,960	4,716	3,093	4,567	6,303	7,392	7,517
Africa:							
Algeria.....	201	55	-----	-----	-----	6	-----
French Morocco.....	71	8	0	1	20	-----	-----
South West Africa.....	4	6	6	-----	-----	-----	-----
Spanish Morocco.....	24	20	28	-----	-----	-----	-----
Tunisia.....	195	30	-----	-----	-----	-----	-----
Union of South Africa.....	204	444 <sub>d</sub>	560	295	-----	-----	-----
Total.....	599	563	594	296	20	6	-----
Oceania:							
Australia.....	71	33 <sub>a</sub>	( <sup>7</sup> )	-----	-----	-----	-----
New Zealand.....	524	427 <sub>c</sub>	368	494	466	549	-----
Total.....	595	460	368	494	466	549	-----
World total.....	111,476	53,028	47,742	67,533	85,286	95,561	94,527

<sup>1</sup> Preliminary.<sup>2</sup> Crop years Aug. 1-July 31; 1934-35 through 1936-37; Aug. 1-June 30, 1937-38; July 1-June 30, 1939.<sup>3</sup> Includes Panama Canal Zone.<sup>4</sup> Included in Panama, Rep. of.<sup>5</sup> Year beginning Oct. 1.<sup>6</sup> Not available.<sup>7</sup> Less than 500 bunches.<sup>8</sup> Trade with Korea.<sup>9</sup> Trade with Japan.<sup>10</sup> Trade with the United States.<sup>11</sup> Reexport deducted.<sup>12</sup> Includes shipments from Hawaii.<sup>13</sup> Includes trade with Formosa.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. All figures converted to count bunches of 50 lbs.

TABLE 231.—Cherries: Production and value, 12 States,<sup>1</sup> and foreign trade, United States, 1929-49

Year	All varieties				Foreign trade, year beginning July			
	Total production	Production having value <sup>2</sup>	Season average price per ton received by farmers	Farm value	Domestic exports		Imports	
					Canned	Fresh	Natural, sulphured, or in brine	Dried or preserved
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929.....	98,320	96,320	159.22	15,336	1,897	22,362	866	
1930.....	122,350	120,450	127.26	15,329	1,232	7,926	1,280	
1931.....	126,530	116,200	65.90	7,658	643	5,943	148	
1932.....	144,560	130,320	42.35	5,519	581	1,702	99	
1933.....	136,080	132,480	55.34	7,331	1,040	1,634	67	
1934.....	137,530	133,410	58.62	7,821	1,403	1,492	26	
1935.....	145,670	143,960	70.70	10,178	1,646	1,544	26	
1936.....	123,520	119,520	76.19	9,106	1,870	902	28	
1937.....	147,580	144,030	104.42	15,039	2,656	1,831	58	
1938.....	144,210	131,810	66.19	8,725	5,911	2,107	27	
1939.....	184,490	177,580	61.30	10,891	2,613	2,167	29	
1940.....	172,820	169,510	78.60	13,321	821	41	( <sup>3</sup> )	
1941.....	161,690	159,080	107.00	16,944	1,005	21	( <sup>3</sup> )	
1942.....	196,520	184,760	120.00	22,243	788	8	( <sup>3</sup> )	
1943.....	116,210	111,900	211.00	23,651	258	20	62	
1944.....	195,510	195,010	212.00	41,290	254	4	13	
1945.....	149,020	147,810	268.00	39,658	1,176	135	( <sup>3</sup> )	
1946.....	229,620	228,570	291.00	66,411	2,726	4,592	3	
1947.....	172,140	170,470	225.00	38,333	1,135	10,495	3	
1948.....	214,380	214,210	218.00	46,697	950	4,094	10	
1949 <sup>4</sup> .....	250,230	240,830	171.00	41,148				

  

Year	Sweet varieties				Sour varieties			
	Total production	Production having value <sup>2</sup>	Season average price per ton received by farmers	Farm value	Total production	Production having value <sup>2</sup>	Season average price per ton received by farmers	Farm value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1938.....	79,360	67,910	75.70	5,139	64,850	63,900	56.10	3,586
1939.....	87,720	81,620	82.70	6,750	96,770	95,960	43.20	4,141
1940.....	68,130	66,030	111.00	7,317	104,690	103,480	58.00	6,004
1941.....	80,290	79,380	117.00	9,253	81,400	79,700	96.50	7,691
1942.....	91,230	80,720	141.00	11,402	105,290	104,040	104.00	10,841
1943.....	75,370	71,620	230.00	16,507	40,840	40,280	177.00	7,144
1944.....	83,110	82,810	275.00	22,802	112,400	112,200	165.00	18,488
1945.....	102,450	101,350	272.00	27,565	46,570	46,460	260.00	12,093
1946.....	112,370	111,370	280.00	31,160	117,250	117,200	301.00	35,251
1947.....	79,270	78,190	256.00	20,002	92,870	92,280	199.00	18,331
1948.....	79,620	79,450	276.00	21,916	134,760	134,760	184.00	24,781
1949 <sup>5</sup> .....	137,700	128,300	155.00	19,891	112,530	112,530	189.00	21,257

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.<sup>3</sup> Not segregated prior to Jan. 1, 1936.<sup>4</sup> Less than 500 pounds.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from reports of the Department of Commerce.

TABLE 232.—*Cherries: Production and season average price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

## SWEET VARIETIES

State	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
New York.....	2,090	3,000	2,900	214	257	181
Pennsylvania.....	1,460	900	1,700	207	265	244
Ohio.....	488	260	370	218	300	260
Michigan.....	3,180	3,800	6,400	186	260	135
4 Eastern States.....	7,218	7,960	11,370			
Montana.....	319	500	1,760	238	260	195
Idaho.....	2,214	3,430	4,100	168	216	140
Colorado.....	409	530	370	227	320	250
Utah.....	3,280	3,900	2,900	174	260	190
Washington.....	25,220	21,300	4 39,000	185	253	135
Oregon.....	19,770	18,500	34,200	166	258	129
California.....	27,500	23,500	44,000	198	326	182
7 Western States.....	78,712	71,660	126,330			
11 States.....	85,930	79,620	137,700	184	276	155

## SOUR VARIETIES

New York.....	17,010	20,500	17,500	160	216	227
Pennsylvania.....	5,580	6,500	9,000	167	210	221
Ohio.....	2,705	1,760	1,910	153	244	205
Michigan.....	36,200	69,000	60,500	147	181	182
Wisconsin.....	10,730	25,000	11,600	152	159	161
5 Eastern States.....	72,225	122,760	100,510			
Montana.....	298	350	310	116	160	150
Idaho.....	583	650	630	109	172	175
Colorado.....	3,462	5,000	3,380	125	150	164
Utah.....	2,240	2,500	1,900	121	180	150
Washington.....	5,240	1,800	3,000	130	207	195
Oregon.....	2,245	1,700	2,800	123	208	159
6 Western States.....	14,068	12,000	12,020			
11 States.....	86,293	134,760	112,530	146	184	189

## ALL VARIETIES

New York.....	19,100	23,500	20,400	167	221	220
Pennsylvania.....	7,040	7,400	10,700	175	217	225
Ohio.....	3,193	2,020	2,280	163	251	214
Michigan.....	39,380	72,800	66,900	150	185	178
Wisconsin.....	10,730	25,000	11,600	152	159	161
5 Eastern States.....	79,443	130,720	111,880			
Montana.....	617	850	2,070	178	219	188
Idaho.....	2,797	4,080	4,730	155	209	145
Colorado.....	3,871	5,530	3,750	135	166	172
Utah.....	5,520	6,400	4,800	152	229	174
Washington.....	30,460	23,100	4 42,000	175	249	140
Oregon.....	22,015	20,200	37,000	162	254	131
California.....	27,500	23,500	44,000	198	326	182
7 Western States.....	92,780	83,660	138,350			
12 States.....	172,223	214,380	250,230	164	218	171

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1948 and 1949, estimates of such quantities were as follows (tons): 1948—Idaho sweet, 170; 1949—Idaho sweet, 600; Washington sweet, 3,000; Oregon sweet, 3,000.

<sup>2</sup> Preliminary.

<sup>3</sup> Prices apply only to that portion of the crop utilized.

<sup>4</sup> Includes 2,800 tons excess cullage of harvested fruit.

<sup>5</sup> Equivalent returns per ton for bulk fruit at the packing-house door.

<sup>6</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

Bureau of Agricultural Economics.

TABLE 233.—Cherries: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49 <sup>1</sup>

Continent and country	Average		1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				
North America:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada.....	5,250	6,925	8,450	7,475	9,800	13,775
United States.....	149,094	168,550	229,620	172,140	214,380	243,730
Total.....	154,344	175,475	238,070	179,615	224,180	257,505
Europe:						
Austria.....	17,624	19,510	18,957	33,856	15,759	20,000
Belgium.....	15,477	12,107	20,668	27,557	22,046	27,558
Czechoslovakia.....	57,776	29,677	58,438	69,412	76,663	92,721
Denmark.....	810	571	525	788	600	750
France.....	55,784	43,960	74,784	101,481	64,154	77,822
Germany:						
Western zone.....	95,500	85,100	65,300	83,400	87,100	92,600
Eastern zone.....	65,900	53,900	43,200	52,800	59,200	60,600
Hungary.....	10,000	10,287	9,000	12,897	14,330	23,369
Italy.....	78,115	80,386	97,886	109,297	86,352	111,663
Luxemburg.....	340	530	898	1,194	800	900
Netherlands.....	5,040	8,070	12,908	19,844	23,632	23,632
Norway.....	5,849	4,197	5,564	4,587	5,083	3,307
Poland.....	58,900	35,700	35,500	44,500	47,800	50,100
Rumania.....	213,584	101,001	28,660	12,637	7,716	13,228
Spain.....	32,102	36,688	35,353	20,000	30,864	40,785
Sweden.....	10,435	7,320	4,400	6,614	7,716	8,000
Switzerland.....	25,243	38,801	44,092	69,445	42,990	60,626
United Kingdom.....	12,667	20,317	26,768	30,128	26,880	34,720
Yugoslavia.....	41,778	69,100	58,300	63,300	60,000	65,000
Total.....	802,924	657,222	641,201	763,737	679,685	807,381
Asia:						
Lebanon.....	( <sup>3</sup> )	( <sup>3</sup> )	331	330	330	353
Syria.....	<sup>4</sup> 220	<sup>4</sup> 1,988	2,199	2,102	1,684	2,094
Turkey.....	35,925	32,164	40,747	22,321	33,596	45,237
Japan.....	5,496	5,456	5,700	5,200	5,500	5,500
Total.....	41,641	39,608	48,977	29,953	41,110	53,184
South America:						
Argentina.....	<sup>5</sup> 3,748	4,415	2,039	1,962	2,000	2,000
Chile.....	<sup>5</sup> 992	453	560	882	937	843
Total.....	4,740	4,868	2,599	2,844	2,937	2,843
Oceania:						
Australia.....	3,953	4,906	3,586	4,459	6,555	5,500
New Zealand.....	279	391	227	302	273	315
Total.....	4,232	5,297	3,813	4,761	6,828	5,815
World total.....	1,007,881	882,470	934,660	980,910	954,740	1,126,728

<sup>1</sup> Production is from bloom of year shown and includes cherries produced for fresh consumption, drying and processing. Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary. <sup>3</sup> Included with Syria. <sup>4</sup> Includes Lebanon. <sup>5</sup> Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries.

TABLE 234.—*Cherries: Production and utilization, 12 States,<sup>1</sup> 1940-49 crops*

## SWEET VARIETIES

Crop of	Production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1940.....	68,130	66,030	6,570	59,460	30,983	12,397	-----	15,670	410
1941.....	80,290	79,380	6,540	72,840	36,796	16,699	-----	18,900	445
1942.....	91,230	80,720	6,800	73,920	36,440	19,209	-----	16,860	1,411
1943.....	75,370	71,620	5,480	66,140	34,890	14,970	675	14,365	1,240
1944.....	83,110	82,810	6,970	75,840	40,140	13,660	1,580	19,700	760
1945.....	102,450	101,350	5,850	95,500	42,670	21,590	6,720	23,920	600
1946.....	112,370	111,370	6,040	105,330	37,160	30,320	5,390	30,920	1,540
1947.....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60
1948.....	79,620	79,450	5,830	73,620	27,380	15,800	710	29,710	20
1949 <sup>4</sup> .....	137,700	128,300	6,240	122,060	53,220	27,120	800	40,790	130

## SOUR VARIETIES

1940.....	104,690	103,480	6,900	96,580	12,693	59,254	20,150	-----	4,483
1941.....	81,400	79,700	6,530	73,170	10,102	37,822	22,301	-----	2,945
1942.....	105,290	104,040	6,870	97,170	12,990	60,328	21,616	-----	2,236
1943.....	40,840	40,280	4,660	35,620	9,361	12,649	13,136	246	228
1944.....	112,400	112,200	7,150	105,050	12,760	54,530	35,330	1,290	1,140
1945.....	46,570	46,460	4,300	42,160	6,890	25,320	9,180	190	580
1946.....	117,250	117,200	5,990	111,210	9,940	55,520	44,010	490	850
1947.....	92,870	92,280	5,500	86,780	9,140	40,570	35,490	960	600
1948.....	134,760	134,760	6,200	128,560	11,320	66,900	46,290	3,550	500
1949 <sup>4</sup> .....	112,530	112,530	6,240	106,290	11,440	57,790	35,280	1,460	320

## ALL VARIETIES

1940.....	172,820	169,510	13,470	156,040	43,676	71,651	20,150	15,670	4,893
1941.....	161,690	159,080	13,070	146,010	46,898	54,621	22,301	18,900	3,390
1942.....	196,520	184,760	13,670	171,090	49,430	79,537	21,616	16,860	3,647
1943.....	116,210	111,800	10,140	101,760	44,231	27,619	13,811	14,611	1,468
1944.....	195,510	195,010	14,120	180,890	52,900	68,190	36,910	20,990	1,900
1945.....	149,020	147,810	10,150	137,660	49,560	46,910	15,900	24,110	1,180
1946.....	228,620	228,570	12,030	216,540	47,100	86,240	49,400	31,410	2,390
1947.....	172,140	170,470	11,470	159,000	45,350	50,980	36,150	25,860	660
1948.....	214,380	214,210	12,030	202,180	38,700	82,700	47,000	33,260	520
1949 <sup>4</sup> .....	250,230	240,830	12,480	228,350	64,660	84,910	36,080	42,250	450

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

<sup>2</sup> Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>3</sup> Includes fruit used for juice, wine, preserves, and candied cherries. For the years 1940-42 some quantities of cherries frozen and/or brined also are included.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data on all varieties for 1934-39 in Agricultural Statistics, 1946, table 222.

TABLE 235.—*Cherries: Production and utilization, by States, 1948 crop*

## SWEET VARIETIES

State	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	3,000	3,000	450	2,550	200	—	—	—	—
Pennsylvania and Ohio.....	1,160	1,160	460	700	680	20	—	—	—
Michigan.....	3,800	3,800	600	3,200	760	770	170	1,500	—
Washington.....	21,300	21,300	1,830	19,470	9,950	4,000	340	5,160	20
Oregon.....	18,500	18,500	1,600	16,900	3,100	6,300	—	7,500	—
California.....	23,500	23,500	300	23,200	7,700	3,800	—	11,700	—
Other States <sup>3</sup> .....	8,360	8,190	590	7,600	4,990	910	200	1,500	—
11 States.....	79,620	79,450	5,830	73,620	27,380	15,800	710	29,710	20

## SOUR VARIETIES

New York.....	20,500	20,500	1,020	19,480	2,310	4,500	12,670	—	—
Pennsylvania and Ohio.....	8,260	8,260	1,620	6,640	1,910	3,260	1,150	20	300
Michigan.....	69,000	69,000	1,300	67,700	2,750	44,500	19,000	1,450	—
Wisconsin.....	25,000	25,000	850	24,150	860	11,300	9,760	2,080	150
Washington.....	1,800	1,800	600	1,200	790	80	290	—	40
Oregon.....	1,700	1,700	340	1,360	400	750	200	—	10
Other States <sup>3</sup> .....	8,500	8,500	470	8,030	2,300	2,510	3,220	—	—
11 States.....	134,760	134,760	6,200	128,560	11,320	66,900	46,290	3,550	500

## ALL VARIETIES

New York.....	23,500	23,500	1,470	22,030	2,510	4,500	12,670	2,350	—
Pennsylvania and Ohio.....	9,420	9,420	2,080	7,340	2,590	3,280	1,150	20	300
Michigan.....	72,800	72,800	1,900	70,900	3,510	45,270	19,170	2,950	—
Wisconsin.....	25,000	25,000	850	24,150	860	11,300	9,760	2,080	150
Washington.....	23,100	23,100	2,430	20,670	10,740	4,080	630	5,160	60
Oregon.....	20,200	20,200	1,940	18,260	3,500	7,050	200	7,500	10
California.....	23,500	23,500	300	23,200	7,700	3,800	—	11,700	—
Other States <sup>3</sup> .....	16,860	16,690	1,060	15,630	7,290	3,420	3,420	1,500	—
12 States.....	214,380	214,210	12,030	202,180	38,700	82,700	47,000	33,260	520

<sup>1</sup> Differences between "production" and "production having value" consist of 170 tons of Idaho sweet cherries not harvested on account of economic conditions.

<sup>2</sup> Includes fruit used for juice, wine, preserves, and candied cherries.

<sup>3</sup> Montana, Idaho, Colorado, and Utah.

<sup>4</sup> Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.

TABLE 236.—Cherries: Production and utilization, by States, 1949 crop <sup>1</sup>

## SWEET VARIETIES

State	Production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	2,900	2,900	450	2,450	540	-----	-----	1,910	-----
Pennsylvania and Ohio.....	2,070	2,070	600	1,470	1,100	10	-----	360	-----
Michigan.....	6,400	6,400	600	5,800	980	640	90	4,090	-----
Washington.....	39,000	33,200	1,900	31,300	21,810	5,250	410	3,800	30
Oregon.....	34,200	31,200	1,800	29,400	5,600	9,700	-----	14,000	100
California.....	44,000	44,000	300	43,700	17,200	11,100	300	15,100	-----
Other States <sup>4</sup> .....	9,130	8,530	590	7,940	5,990	420	-----	1,530	-----
11 States.....	137,700	128,300	6,240	122,060	53,220	27,120	800	40,790	130

## SOUR VARIETIES

New York.....	17,500	17,500	1,020	16,480	<sup>5</sup> 1,960	3,250	11,270	-----	-----
Pennsylvania and Ohio.....	10,910	10,910	1,850	9,060	2,750	4,300	1,980	20	10
Michigan.....	60,500	60,500	1,200	59,300	2,250	41,500	14,400	1,150	-----
Wisconsin.....	11,600	11,600	600	11,000	500	5,600	4,340	290	270
Washington.....	3,000	3,000	700	2,300	1,040	430	810	-----	20
Oregon.....	2,800	2,800	400	2,400	450	1,400	530	-----	20
Other States <sup>4</sup> .....	6,220	6,220	470	5,750	2,490	1,310	1,950	-----	-----
11 States.....	112,530	112,530	6,240	106,290	11,440	57,790	35,280	1,460	320

## ALL VARIETIES

New York.....	20,400	20,400	1,470	18,930	<sup>5</sup> 2,500	3,250	11,270	1,910	-----
Pennsylvania and Ohio.....	12,980	12,980	2,450	10,530	3,850	4,310	1,980	380	10
Michigan.....	66,900	66,900	1,800	65,100	3,230	42,140	14,490	5,240	-----
Wisconsin.....	11,600	11,600	600	11,000	500	5,600	4,340	290	270
Washington.....	42,000	36,200	2,600	33,600	22,850	5,680	1,220	3,800	50
Oregon.....	37,000	34,000	2,200	31,800	6,050	11,100	530	14,000	120
California.....	44,000	44,000	300	43,700	17,200	11,100	300	15,100	-----
Other States <sup>4</sup> .....	15,350	14,750	1,060	13,690	8,480	1,730	1,950	1,530	-----
12 States.....	250,230	240,830	12,480	228,350	64,660	84,910	36,080	42,250	450

<sup>1</sup> Preliminary.<sup>2</sup> Differences between "production" and "production having value" consist of quantities not harvested on account of economic conditions and/or excess cullage of harvested fruit (tons): Sweet varieties—not harvested, 1948, Idaho, 170; 1949, Idaho, 600; Washington, 3,000; Oregon, 3,000; excess cullage, 1949, Washington, 2,800.<sup>3</sup> Includes fruit used for juice, wine, preserves, and candied cherries.<sup>4</sup> Montana, Idaho, Colorado, and Utah.<sup>5</sup> Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.



TABLE 237.—*Citrus fruits: Production and season average returns per box to growers, by States, average 1938-47, annual 1947-49*

Crop and State	Production <sup>1</sup>				Price for crop of <sup>2</sup> —			
	Average 1938-47	1947	1948	1949 <sup>3</sup>	Average 1938-47	1947	1948	1949 <sup>3</sup>
<b>ORANGES</b>								
California:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars	Dollars
Navel and miscellaneous <sup>4</sup> .....	19,068	18,900	11,910	15,300	1.91	1.67	2.43	-----
Valencia.....	29,826	26,930	25,100	27,100	2.20	1.83	1.72	-----
Total.....	48,894	45,830	37,010	42,400	2.08	1.76	1.94	2.06
Florida:								
Early and midseason.....	21,765	31,000	32,000	33,300	1.34	.93	1.00	-----
Valencia.....	18,175	27,400	26,300	24,500	1.70	.87	2.41	-----
Total.....	39,940	58,400	58,300	57,800	1.51	.90	1.64	2.42
Texas:								
Early and midseason <sup>4</sup> .....	2,163	3,100	2,600	1,050	-----	-----	-----	-----
Valencia.....	1,454	2,100	800	600	-----	-----	-----	-----
Total.....	3,618	5,200	3,400	1,650	1.65	1.50	1.36	2.19
Arizona:								
Navel and miscellaneous <sup>4</sup> .....	401	480	450	585	<sup>5</sup> 2.15	1.36	3.10	-----
Valencia.....	437	300	260	400	<sup>5</sup> 2.40	1.78	1.87	-----
Total.....	838	780	710	985	2.03	1.52	2.65	1.10
Louisiana <sup>4</sup> .....	304	300	300	360	1.88	1.75	1.85	2.20
5 States <sup>6</sup> .....	93,593	110,510	99,720	103,195	1.81	1.29	1.75	2.26
Total early and midseason <sup>7</sup> .....	43,701	53,780	47,260	50,595	-----	-----	-----	-----
Total Valencia.....	49,892	56,730	52,460	52,600	-----	-----	-----	-----
<b>TANGERINES</b>								
Florida:								
ALL ORANGES AND TANGERINES	3,530	4,000	4,400	5,000	1.59	1.20	1.65	1.74
5 States <sup>6</sup> .....	97,123	114,510	104,120	108,195	1.80	1.29	1.74	2.23
<b>GRAPEFRUIT</b>								
Florida:								
Seedless.....	10,570	14,800	14,700	11,200	1.02	.54	1.05	-----
Other.....	15,190	18,200	15,500	13,000	.90	.41	.70	-----
Total.....	25,760	33,000	30,200	24,200	.95	.47	.87	1.99
Texas.....	18,624	23,200	11,300	6,500	.82	.49	.61	2.02
Arizona.....	3,326	3,000	1,880	3,450	.74	.48	.58	.54
California:								
Desert Valleys.....	1,168	960	800	1,090	1.00	1.17	1.04	-----
Other.....	1,650	1,470	1,350	1,390	1.49	1.10	1.78	-----
Total.....	2,818	2,430	2,150	2,480	1.28	1.13	1.51	2.01
4 States <sup>6</sup> .....	50,528	61,630	45,530	36,630	.90	.50	.82	1.86
<b>LEMONS</b>								
California <sup>6</sup> .....	13,164	12,870	10,010	10,400	2.15	2.52	4.18	3.85
<b>LIMES</b>								
Florida <sup>6</sup> .....	158	170	200	260	3.32	3.34	3.14	3.50

<sup>1</sup> Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida lemons, harvest of which usually starts about April 1. Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For some States in certain years, production also includes some quantities donated to charity, unharvested, and/or not utilized on account of economic conditions. In 1947 and 1948, estimates of such quantities were as follows (1,000 boxes): 1947—Calif. Navel and Miscellaneous oranges—521; Valencias, 436; grapefruit, Desert Valleys—16; Fla. tangerines—600; grapefruit, seedless—2,400; other—1,300; Texas grapefruit—2,300; Ariz. Navel and Miscellaneous oranges—6; grapefruit—944; 1948—Calif. Navel and Miscellaneous oranges—490; Valencias, 391; grapefruit, Desert Valleys—8; Ariz. grapefruit—40. Prices apply to the entire crop, exclusive of that portion donated to charity, unharvested, and/or not utilized on account of economic conditions.

<sup>2</sup> As estimated from prospects on July 1, 1950.  
<sup>3</sup> Equivalent returns per box at the intake packing-house-door for all methods of sale. When sale represents fruit sold at point other than intake packing-house-door, prices of fruit as sold are converted by additions or subtractions of necessary charges to or from prices of fruit as actually sold.  
<sup>4</sup> Includes small quantities of tangerines.  
<sup>5</sup> Short-time average.

<sup>6</sup> Net content of box varies. In Calif. and Arizona the approximate average for oranges is 77 lb. and grapefruit 65 lb. In the Desert Valleys; 68 lb. for California grapefruit in other areas; in Florida and other States, oranges, including tangerines, 90 lb. and grapefruit 80 lb.; California lemons, 79 lb.; Florida lemons, 80 lb. For weight of boxes prior to 1942, see p. 5, footnote 19.

<sup>7</sup> In California and Arizona, Navels and Miscellaneous.

Bureau of Agricultural Economics.

TABLE 238.—*Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-49*

## ORANGES, INCLUDING TANGERINES

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929.....	31,829	31,829	3.59	114,171	647	2,189	30	221
1930.....	55,060	55,060	1.35	74,431	2,035	4,936	16	97
1931.....	49,902	49,902	1.22	61,029	2,532	3,203	19	39
1932.....	51,615	51,615	.88	45,367	2,688	3,394	17	14
1933.....	47,174	46,197	1.38	63,949	899	3,296	21	19
1934.....	63,988	62,593	1.15	71,898	3,956	5,425	29	17
1935.....	52,073	51,459	1.51	77,838	1,942	4,209	47	5
1936.....	54,538	53,515	1.75	93,619	6,591	2,488	22	3
1937.....	74,285	73,081	.84	60,991	5,830	7,597	25	2
1938.....	78,531	75,582	.77	57,979	6,058	6,471	28	1
1939.....	75,742	74,506	.95	70,847	7,238	3,828	22	(?)
1940.....	85,510	84,188	1.19	99,910	9,848	4,360	11	0
1941.....	85,163	84,401	1.56	131,327	11,442	4,570	0	0
1942.....	89,349	88,695	2.46	218,532	13,955	4,908	1	0
1943.....	106,651	105,821	2.64	279,622	16,841	6,413	(?)	0
1944.....	113,210	111,439	2.69	300,024	24,222	6,108	(?)	0
1945.....	104,350	103,619	2.93	303,939	27,246	7,467	(?)	0
1946.....	118,540	115,901	1.55	179,429	31,634	8,639	(?)	0
1947.....	114,510	112,947	1.29	145,429	40,709	6,371	1	0
1948.....	104,120	103,239	1.74	179,953	40,915	* 4,911	(?)	0
1949 <sup>7</sup> .....	108,195	108,195	2.23	241,410	.....	.....	.....	.....

## GRAPEFRUIT

						Foreign trade, year beginning September		
1929.....	11,215	11,215	1.89	21,211	1,660	809	127	978
1930.....	18,690	18,690	.73	13,613	2,949	1,351	78	428
1931.....	15,181	15,181	.80	12,215	1,036	1,119	120	550
1932.....	15,004	15,004	.58	8,736	2,587	905	80	266
1933.....	14,672	14,647	.83	12,126	2,525	1,000	48	421
1934.....	21,347	21,166	.55	11,669	6,248	1,022	79	215
1935.....	18,347	18,313	.88	16,175	4,498	928	103	356
1936.....	30,670	30,570	.58	17,690	10,025	704	106	146
1937.....	31,133	31,103	.57	17,726	12,065	1,004	67	127
1938.....	43,594	39,820	.32	12,529	15,181	1,235	37	57
1939.....	35,192	34,846	.44	15,338	16,318	811	78	84
1940.....	42,883	42,879	.43	18,522	20,955	808	104	34
1941.....	40,261	40,257	.75	29,996	17,961	855	131	45
1942.....	50,481	50,479	1.15	58,073	27,194	1,069	45	0
1943.....	56,090	56,088	1.53	85,652	31,286	1,218	27	0
1944.....	52,180	52,177	1.69	88,139	26,839	1,351	46	0
1945.....	63,450	63,448	1.37	87,033	35,416	1,978	11	1
1946.....	59,520	55,484	.86	47,938	27,050	2,798	38	(?)
1947.....	61,630	54,670	.60	27,574	29,541	1,940	94	0
1948.....	45,530	45,482	.82	37,472	23,122	* 1,898	20	0
1949 <sup>8</sup> .....	36,630	36,630	1.86	68,136	.....	.....	.....	.....

<sup>1</sup> Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1.

<sup>2</sup> Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For weight of boxes see pp. 4 and 5.

<sup>3</sup> Differences between "total production" and "production having value" consist of fruit unharvested, donated to charity, and/or not utilized on account of economic conditions.

<sup>4</sup> Equivalent returns per box at the intake packing-house-door for all methods of sale. When sale represents fruit sold at point other than intake packing-house-door, prices of fruit as sold are converted by additions or subtractions of necessary charges to or from prices of fruit as actually sold. Prices are State averages, weighted by production rather than by sales to obtain United States average.

<sup>5</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.

Footnotes continued on next page.

TABLE 238.—*Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-49—Continued*

## LEMONS

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929	6,109	6,109	3.65	22,298	466	178	1,118	-----
1930	7,950	7,950	2.20	17,490	2,232	268	262	-----
1931	7,696	7,696	1.82	14,007	2,435	233	92	-----
1932	6,704	6,704	2.15	14,414	948	153	134	-----
1933	7,295	7,295	2.45	17,873	1,087	230	23	-----
1934	10,747	10,747	1.44	15,476	3,549	546	3	-----
1935	7,787	7,787	3.17	24,685	351	634	86	-----
1936	7,579	7,579	3.06	23,192	1,032	256	34	-----
1937	9,304	9,304	1.84	17,119	1,529	720	46	-----
1938	11,106	11,106	1.48	16,437	3,315	831	0	-----
1939	11,983	11,983	1.69	19,053	3,642	470	(?)	-----
1940	17,236	16,734	1.20	20,081	7,856	11 516	(?)	-----
1941	11,720	11,720	1.60	18,752	3,835	500	(?)	-----
1942	14,880	14,880	2.47	36,754	5,225	468	(?)	-----
1943	11,050	11,050	3.31	36,576	1,771	494	(?)	-----
1944	12,550	12,550	2.75	34,512	2,900	573	(?)	-----
1945	14,450	14,450	1.94	28,033	5,321	578	(?)	-----
1946	13,800	13,800	2.67	36,846	4,414	476	7	-----
1947	12,870	12,870	2.52	32,432	4,356	156	62	-----
1948	10,010	10,010	4.18	41,842	2,215	8 133	162	-----
1949 <sup>6</sup>	10,400	10,400	3.85	40,040	-----	-----	-----	-----

## LIMES

						Foreign trade, year beginning July	
1929	8	8	4.50	36	-----	61	-----
1930	8	8	4.00	32	-----	66	-----
1931	9	9	3.50	32	-----	75	-----
1932	10	10	3.00	30	-----	42	-----
1933	12	12	2.50	30	-----	52	-----
1934	15	15	3.00	45	-----	76	-----
1935	12	12	3.75	45	-----	123	-----
1936	45	45	3.25	146	-----	145	-----
1937	70	70	3.25	228	-----	103	-----
1938	95	95	2.60	247	-----	43	-----
1939	95	95	2.80	266	-----	50	-----
1940	80	80	2.85	226	-----	50	-----
1941	150	150	2.10	315	8	44	-----
1942	175	175	2.36	413	7	52	-----
1943	190	190	4.79	910	13	70	-----
1944	250	250	4.86	1,215	11	55	-----
1945	200	200	3.58	716	42	68	-----
1946	170	170	3.95	672	28	64	-----
1947	170	170	3.34	568	6	66	-----
1948	200	200	3.14	628	36	73	-----
1949 <sup>6</sup>	260	260	3.50	910	-----	-----	-----

Footnotes continued from p. 194.

<sup>6</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 76 pounds per box; limes, 80 pounds per box.<sup>7</sup> Less than 500 boxes.<sup>8</sup> Exports reported in pounds beginning Jan. 1, 1949. Converted to boxes on the following basis: Oranges, 84 pounds per box; grapefruit, 78 pounds per box; lemons, 79 pounds per box.<sup>9</sup> As estimated from prospects on July 1, 1950.<sup>10</sup> Imports include pomeloes, beginning Jan. 1, 1941.<sup>11</sup> Exports include limes, beginning Jan. 1, 1941.

Bureau of Agricultural Economics. Trade data from official records of the Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 291.

TABLE 239.—*Citrus fruits: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>

## ORANGES (INCLUDING TANGERINES)

Continent and country	Average		1946	1947	1948	1949 *
	1935-39	1940-44				
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
<b>North America:</b>						
Costa Rica.....	6	22	30	30	30	30
Mexico.....	4,761	7,719	10,778	10,866	12,605	13,228
United States.....	67,034	95,977	118,540	114,510	104,020	104,460
Cuba.....	1,050	1,170	1,175	1,200	1,500	1,250
Dominican Republic.....	418	438	428	409	425	650
Jamaica.....	435	485	505	760	763	750
Puerto Rico.....	800	500	742	900	1,000	1,000
Trinidad and Tobago.....	55	70	24	54	4	64
Total.....	74,559	106,381	132,282	128,729	120,347	121,432
<b>Europe:</b>						
Aegean Islands.....	43	40	40	40	40	40
France.....	37	20	34	45	66	70
Greece.....	1,470	1,500	1,309	1,714	2,223	2,236
Italy.....	11,701	11,186	11,638	12,095	12,920	8,702
Spain.....	24,167	27,263	17,772	22,054	25,422	23,217
Total.....	37,418	40,009	30,793	35,948	40,671	34,265
<b>Asia:</b>						
Cyprus.....	441	329	644	442	423	305
Iran.....	502	<sup>3</sup> 1,358	1,575	1,827	1,921	2,205
Lebanon.....	<sup>4</sup> 1,093	<sup>4</sup> 1,274	1,211	1,650	1,020	1,020
Palestine.....	8,652	7,494	9,199	13,000	<sup>5</sup> 6,300	<sup>5</sup> 5,000
Syria.....	( <sup>6</sup> )	( <sup>6</sup> )	73	81	75	75
Turkey.....	1,011	980	1,016	1,225	1,009	1,385
Japan.....	15,895	17,893	6,020	6,496	9,125	8,200
Formosa.....	865	957	638	902	929	900
Philippines, Republic of.....	195	300	425	313	300	300
Total.....	28,654	30,585	20,801	25,936	21,102	19,390
<b>South America:</b>						
Argentina.....	9,212	13,818	10,689	11,191	8,440	10,000
Bolivia.....	3,000	3,000	3,000	3,100	3,300	3,500
Brazil.....	34,466	32,586	30,085	35,212	35,200	36,000
Chile.....	250	340	500	800	900	775
Ecuador.....	580	412	325	227	188	200
Paraguay.....	5,000	7,019	6,500	6,500	8,140	8,000
Peru.....	1,000	1,000	842	1,154	1,400	1,500
Surinam.....	20	19	143	92	310	500
Uruguay.....	1,300	1,300	1,496	1,116	1,200	1,200
Total.....	54,828	59,494	53,580	59,392	59,078	61,675
<b>Africa:</b>						
Algeria.....	3,168	3,575	3,055	3,716	7,023	5,804
British East Africa.....	100	130	150	150	150	150
Egypt.....	6,455	7,247	6,486	7,427	6,370	6,130
French Morocco.....	1,203	1,658	1,858	2,747	4,469	4,968
Mozambique.....	100	148	145	155	165	170
Northern Rhodesia.....	8	12	13	13	13	13
Southern Rhodesia.....	195	189	216	289	300	325
Tunisia.....	239	459	567	652	661	550
Union of South Africa.....	4,000	5,918	5,326	5,607	6,011	6,500
Total.....	15,469	19,336	17,816	20,756	25,162	24,610
<b>Oceania:</b>						
Australia.....	2,683	2,646	2,745	3,400	3,280	2,580
New Zealand.....	23	17	10	8	10	12
Total.....	2,706	2,663	2,755	3,408	3,290	2,592
<b>World total.....</b>	<b>213,634</b>	<b>258,468</b>	<b>258,027</b>	<b>274,169</b>	<b>269,650</b>	<b>263,964</b>

See footnotes at end of table.

TABLE 239.—*Citrus fruits: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>—Continued

Continent and country	Average		1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
North America:						
United States.....	31,787	48,379	59,520	61,630	45,520	36,770
Cuba.....	375	244	150	130	150	170
Jamaica.....	213	226	300	290	321	586
Puerto Rico.....	448	500	500	525	525	525
Trinidad and Tobago.....	174	178	328	574	180	464
Total.....	32,997	49,527	60,798	63,149	46,696	38,515
Asia:						
Cyprus.....	44	50	80	159	130	120
Palestine.....	1,445	608	1,238	1,500	<sup>3</sup> 1,068	<sup>3</sup> 750
Philippines, Republic of.....	170	250	316	345	350	350
Total.....	1,659	908	1,634	2,004	1,548	1,220
South America:						
Argentina.....	<sup>4</sup> 49	134	100	129	125	130
Surinam.....	10	10	44	16	28	35
Total.....	59	144	144	145	153	165
Africa:						
Algeria.....	<sup>3</sup> 9	14	55	26	38	105
French Morocco.....	25	32	70	31	58	94
Southern Rhodesia.....	3	5	4	6	6	8
Union of South Africa.....	495	835	752	792	849	900
Total.....	532	886	881	855	951	1,107
Oceania:						
New Zealand.....	15	25	35	66	69	80
World total.....	35,262	51,490	63,492	66,219	49,417	41,087

## LEMONS

North America:						
United States.....	9,552	13,487	13,800	12,870	9,930	11,000
Europe:						
Aegean Islands.....	9	10	10	10	10	10
Greece.....	446	450	477	635	871	698
Italy.....	9,637	8,767	7,138	8,137	7,386	6,080
Spain.....	1,445	1,339	1,083	1,015	812	870
Total.....	11,537	10,566	8,708	9,797	9,079	7,658
Asia:						
Cyprus.....	66	41	83	85	100	100
Lebanon.....	<sup>4</sup> 464	<sup>4</sup> 411	435	580	348	290
Palestine.....	88	120	353	500	<sup>3</sup> 250	<sup>3</sup> 100
Syria.....	( <sup>6</sup> )	( <sup>6</sup> )	9	10	10	10
Turkey.....	74	120	232	314	242	200
Total.....	692	692	1,112	1,489	950	700
South America:						
Argentina.....	371	1,130	1,134	1,343	1,305	1,500
Chile.....	250	349	658	1,146	1,167	1,042
Surinam.....	2	3	12	15	28	30
Total.....	623	1,482	1,804	2,504	2,500	2,572
Africa:						
Algeria.....	102	93	102	92	125	55
Egypt.....	83	100	150	150	150	150
French Morocco.....	10	9	24	9	36	61
Southern Rhodesia.....	3	4	4	5	5	5
Tunisia.....	35	138	145	145	116	50
Union of South Africa.....	142	209	188	198	212	200
Total.....	375	553	613	599	644	522
Oceania:						
Australia.....	308	325	407	504	380	296
New Zealand.....	65	55	59	90	70	73
Total.....	373	380	466	594	450	369
World Total.....	23,152	27,160	26,503	27,853	23,553	22,821

See footnotes at end of table.

TABLE 239.—*Citrus fruits: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>—Continued

## LIMES

Continent and country	Average		1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
North America:						
Mexico.....	652	1,083	1,681	1,684	1,751	1,516
United States.....	63	169	170	170	200	250
Dominica.....	87	216	202	210	210	210
Grenada.....	5	8	25	20	20	20
Jamaica.....	17	30	50	60	60	65
Montserrat.....	19	15	17	17	17	20
St. Lucia.....	62	31	25	25	25	25
St. Vincent.....	3	3	3	3	3	3
Trinidad and Tobago.....	24	75	130	120	110	100
Total.....	932	1,630	2,303	2,309	2,396	2,209
South America:						
British Guiana.....	16	16	55	55	55	60
Africa:						
Egypt.....	1,194	1,248	870	910	775	800
Gold Coast.....	126	104	125	92	100	100
Total.....	1,320	1,352	995	1,002	875	900
World total.....	2,268	2,998	3,353	3,366	3,326	3,169

## RECAPITULATION

Oranges.....	213,634	258,468	258,027	274,169	269,650	263,964
Grapefruit.....	35,262	51,490	63,492	66,219	49,417	41,087
Lemons.....	23,152	27,160	26,503	27,853	23,553	22,821
Limes.....	2,268	2,998	3,353	3,366	3,326	3,169
Total.....	274,316	340,116	351,375	371,607	345,946	331,041

<sup>1</sup> Production estimates relate to the crop from bloom of year shown. Harvesting in Northern Hemisphere countries begins about November and in Southern Hemisphere about February of the following year.

<sup>2</sup> Preliminary. <sup>3</sup> Less than 5 years. <sup>4</sup> Includes Syria. <sup>5</sup> Orange production in Israel only; representing 90 percent of total Palestine acreage. <sup>6</sup> Included in Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. Production in foreign countries converted to boxes of the following weights: Oranges, 70 pounds; grapefruit and limes, 80 pounds; lemons, 76 pounds.

TABLE 240.—*Citrus fruits: Auction price per box, New York and Chicago, 1940-49*

Market and season	Grapefruit		Lem- ons, Cal- ifornia	Oranges			Market and season	Grapefruit		Lem- ons, Cal- ifornia	Oranges		
	Flor- ida	Tex- as		California		Flor- ida		Flor- ida	Tex- as		California		Flor- ida
				Na- vels	Val- en- cias						Na- vels	Val- en- cias	
New York:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	Chicago:	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1940.....	1.97	2.34	4.15	3.10	3.39	2.38	1940.....	2.00	1.91	4.19	3.03	3.34	2.46
1941.....	2.55	2.56	4.45	3.14	3.86	2.87	1941.....	2.83	2.16	4.48	3.03	3.74	2.23
1942.....	3.16	3.26	5.73	4.72	4.77	3.82	1942.....	3.17	2.81	5.74	4.78	4.58	3.75
1943.....	3.67	3.56	6.09	4.73	5.46	3.96	1943.....	3.22	3.00	6.20	4.79	5.38	3.87
1944.....	4.37	3.35	5.62	5.04	5.67	4.60	1944.....	3.34	3.22	5.47	4.94	5.66	4.28
1945.....	3.97	3.40	5.25	5.48	4.65	4.69	1945.....	3.58	3.08	5.56	5.34	5.10	4.26
1946.....	3.49	2.67	6.71	4.97	6.17	3.59	1946.....	3.26	2.80	7.47	4.81	6.24	3.37
1947.....	3.30	3.21	6.82	5.16	4.32	3.41	1947.....	2.92	2.68	7.00	4.83	4.33	3.07
1948.....	4.00	3.36	7.85	6.62	5.31	4.38	1948.....	3.75	2.93	8.89	6.33	5.49	4.18
1949 <sup>1</sup> .....	5.32		7.90	5.23	5.12	5.00	1949 <sup>1</sup> .....	4.50	4.27	8.35	5.29	5.27	4.57

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: New York, reports of California Fruit Growers Exchange; Chicago, from Chicago Fruit and Vegetable Reporter. Prices weighted by number of boxes sold.

TABLE 241.—*Citrus fruits: Average price<sup>1</sup> per box and total sales at 10 principal auction markets, 1927-48*

Season <sup>2</sup>	10-auction average prices							10-Auction total sales						
	Grapefruit		Lemons	Oranges		Tan- gerines	Grapefruit		Lemons	Oranges		Tan- gerines		
	Florida	Texas <sup>3</sup>	Calif.	California		Florida	Florida	Florida	Texas <sup>3</sup>	Calif.	California		Florida	Florida
				Navel	Valencia						Navel	Valencia		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Million boxes</i>	<i>Million boxes</i>	
1927-----	4.56	-----	5.88	5.56	7.05	5.62	6.70	1.9	-----	2,007	3,742	4,395	2.9	0.4
1928-----	3.34	-----	5.72	3.92	4.26	3.15	3.84	3.0	-----	2,629	5,962	7,030	5.1	.8
1929-----	4.28	-----	6.35	5.64	7.35	4.62	4.70	2.9	-----	2,189	3,340	4,840	3.6	.5
1930-----	2.54	-----	5.23	3.48	3.73	3.40	3.06	4.5	-----	2,930	4,711	7,092	6.5	1.1
1931-----	2.47	2.21	4.96	3.09	3.27	3.30	2.98	3.7	-----	2,699	4,718	7,563	4.8	.9
1932-----	2.06	2.56	4.66	2.68	3.01	2.44	2.48	3.7	-----	2,664	3,996	6,603	6.2	.9
1933-----	2.39	2.56	4.84	2.92	4.14	2.70	2.40	3.1	-----	3,108	3,096	6,007	5.7	1.0
1934-----	2.00	2.33	4.17	2.90	3.33	2.56	2.36	3.9	-----	3,427	5,192	7,879	6.3	.9
1935-----	2.57	2.57	5.63	3.14	4.06	3.00	2.70	3.0	-----	3,195	3,625	6,212	5.8	1.0
1936-----	2.23	2.09	5.68	3.72	4.97	3.21	2.20	4.0	-----	3,178	3,191	5,059	6.9	1.3
1937-----	2.16	2.12	4.41	2.64	2.92	2.24	2.48	3.3	-----	3,163	3,498	7,251	8.0	1.0
1938-----	1.72	1.93	4.19	2.72	3.21	2.09	2.00	4.3	1,390	3,506	3,135	6,353	9.6	1.5
1939-----	2.13	2.10	4.35	2.81	3.32	2.35	2.74	3.0	-----	3,273	4,214	8,200	6.3	.8
1940-----	1.91	1.98	4.12	3.03	3.74	2.35	2.38	3.4	1,116	3,725	4,573	9,094	7.2	1.1
1941-----	2.52	2.22	4.43	3.04	4.62	2.83	3.58	3.0	1,449	3,326	5,104	8,186	6.9	.9
1942-----	3.11	2.86	5.70	4.68	5.43	3.79	3.60	2.7	1,133	3,118	1,882	5,745	6.7	1.6
1943-----	3.56	3.03	6.15	4.72	5.63	3.89	4.46	2.2	674	2,389	2,373	4,948	6.6	.3
1944-----	4.24	3.21	5.49	5.00	4.68	4.48	4.82	1.6	1,013	2,413	2,173	6,858	4.6	.7
1945-----	3.82	3.11	5.27	5.44	6.10	4.58	5.22	2.3	1,335	2,888	1,417	4,744	4.2	1.1
1946-----	3.29	2.70	6.93	4.83	4.24	3.50	4.34	3.7	1,862	3,379	3,504	8,034	7.5	1.1
1947-----	3.07	2.64	6.97	4.88	5.26	3.27	3.96	3.4	1,651	3,174	3,539	6,188	6.8	1.0
1948-----	3.77	2.92	8.44	6.35	5.05	4.23	5.10	3.9	755	3,177	1,887	5,136	6.6	1.3

<sup>1</sup> Season average price at each auction market, weighted by total sales.

<sup>2</sup> Season beginning in an autumn month of the year shown, except California Valencia oranges, for which the season begins the following April.

<sup>3</sup> Prior to 1938-39 Texas data represent 6 auction markets only; 1938-39 to date 10 auctions, except 1943-44 when Detroit and Cleveland were not included because market news service offices not operating that season.

Production and Marketing Administration.

TABLE 242.—*Grapefruit segments and single-strength juice, canned: Pack in the United States, receipts from Puerto Rico, and exports, 1929-48*

Item and season beginning November—	Domestic pack				Receipts from Puerto Rico	Total pack and receipts	Domestic exports, year beginning July <sup>1</sup>
	Florida	Texas	California and Arizona	Total			
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
Segments:							
1929.....	1,317			1,317	441	1,758	
1930.....	2,712			2,712	205	2,917	210
1931.....	907			907	124	1,031	222
1932.....	2,162			2,162	25	2,187	493
1933.....	2,185	7		2,192	234	2,426	1,063
1934.....	3,588		4	3,599	236	3,835	962
1935.....	2,252	23		2,275	344	2,619	997
1936.....	4,058	131		4,189	244	4,433	1,161
1937.....	3,419	104		3,523	208	3,731	1,159
1938.....	4,106	106		4,212	96	4,308	1,486
1939.....	4,134	57		4,191	96	4,287	1,790
1940.....	3,140	64		3,204	43	3,247	16
1941.....	4,611	90		4,701	38	4,739	42
1942.....	888	87		975	0	975	5
1943.....	943	41		984	0	984	112
1944.....	411	54		465	32	497	50
1945.....	2,407	289		2,696	55	2,751	4
1946.....	5,098	490		5,588	57	5,645	1,067
1947.....	3,158	242		3,400	30	3,430	26
1948.....	4,238	189		4,427	12	4,439	22
Juice, single strength: <sup>4</sup>							
1929.....	174	18		192		192	
1930.....	412	50		462	5	467	
1931.....	248	93		341	1	342	
1932.....	726	41	12	779	3	782	
1933.....	610	73	161	844	4	848	
1934.....	2,237	361	442	3,040	18	3,058	
1935.....	1,758	544	300	2,602	50	2,652	
1936.....	3,919	2,247	450	6,616	205	6,821	
1937.....	3,370	4,992	449	8,811	104	8,915	
1938.....	6,190	5,254	180	11,624	47	11,671	364
1939.....	4,682	5,955	296	10,933	36	10,969	783
1940.....	10,647	5,720	421	16,788	31	16,819	715
1941.....	6,180	5,508	1,095	12,783	52	12,835	874
1942.....	15,193	7,360	1,049	23,602	33	23,635	729
1943.....	16,778	7,864	1,450	26,092	17	26,109	1,069
1944.....	12,025	9,144	1,266	22,435	217	22,652	678
1945.....	15,089	9,601	1,372	26,062	128	26,190	2,055
1946.....	8,583	8,240	791	17,614	219	17,833	2,536
1947.....	7,987	8,981	482	17,450	206	17,656	1,447
1948.....	8,843	4,944	517	14,304	163	14,467	1,132

<sup>1</sup> Exports of juice may include small quantities of concentrated juice in recent years. In the 1947 pack year, approximately 425,000 cases of concentrate were thus shipped for Army relief-feeding in Germany.

<sup>2</sup> Equivalent cases of 24 No. 2 cans. Receipts from Puerto Rico and domestic exports of segments converted to cases at 30 pounds per case; juice at 3.4 gallons per case.

<sup>3</sup> January-June 1931.

<sup>4</sup> Quantities of grapefruit juice shown here as "receipts from Puerto Rico" were designated as such prior to the 1934 season; beginning in 1934 they have been designated simply as "fruit juices, n.e.s." in reports of Department of Commerce.

<sup>5</sup> January-June 1939.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Exports from reports of the Department of Commerce. Data on orange juice in tables 243 and 244.



TABLE 243.—*Orange juice, blended juices, lemon juice, and tangerine juice, single-strength, canned: United States packs, 1929-48*

Season beginning November—	Orange juice				Blended orange and grapefruit juices				Lemon juice	Tangerine juice
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	California	Florida
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1929.....	38			38						
1930.....	61	33		94						
1931.....	36			36						
1932.....	64	35		99						
1933.....	58	245		303						
1934.....	241	704		945					42	
1935.....	162	874		1,036	85			85	141	
1936.....	498	912		1,410	272			272	249	
1937.....	806	234		1,040	547			547	212	
1938.....	926	337		1,263	699		18	717	59	
1939.....	2,851	744		3,595	1,403		30	1,433	128	
1940.....	3,078	1,016		4,094	2,537		32	2,569	294	
1941.....	3,466	1,311		4,777	2,304		38	2,342	228	
1942.....	2,429	394		2,823	3,676	1	25	3,702	29	
1943.....	7,075	1,371		8,446	6,176	38	69	6,283	111	
1944.....	13,935	2,842		16,777	7,745	76	254	8,075	330	
1945.....	18,421	3,705	56	22,182	12,287	568	626	13,461	627	523
1946.....	17,294	2,321	102	19,717	10,034	85	340	10,459	327	1,180
1947.....	25,593	1,550	165	27,308	11,894	176	299	12,369	492	592
1948.....	16,757	2,209	296	19,262	10,252	348	229	10,829	454	985

<sup>1</sup> Equivalent cases of 24 No. 2 cans.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Data on grapefruit juice in table 242.

TABLE 244.—*Concentrated citrus juices and frozen concentrated orange juice: Annual packs, by producing areas, 1940-48<sup>1</sup>*

Season beginning November—	Concentrated orange juice, 65° Brix		Concentrated grapefruit juice, 60° Brix	Concentrated lemon juice, 40° Brix	Frozen concentrated orange juice, 42° Brix	
	California-Arizona	Florida	California-Arizona	California-Arizona	California-Arizona	Florida
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1940.....	798	65	37	192		
1941.....	2,226	93	19	99		
1942.....	3,076	1,882	37	682		
1943.....	1,926	1,283	26	277		
1944.....	2,601	240	56	393		
1945.....	938	244	130	280		226
1946.....	3,332	1,447	43	244		559
1947.....	2,928	1,739	227	446	437	1,935
1948.....	2,769	1,898	131	579	1,963	10,233

<sup>1</sup> Concentrated juices can be converted to approximate single-strength equivalent by multiplying orange and grapefruit concentrate by 8, lemon concentrate by 6, and frozen orange concentrate by 4.<sup>2</sup> In 1947-48 an additional 1,440,177 gallons were packed in Florida as a result of a Department of Agriculture purchase program. It was used for Army relief feeding in occupied Germany.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners.

TABLE 245.—*Citrus fruits: International trade, average 1935-39 and 1940-44, annual 1946-49*

## ORANGES (INCLUDING TANGERINES)

Classification and country	Average		1946	1947	1948	1949
	1935-39	1940-44				
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Exporting countries:						
United States <sup>1</sup>	5,271	4,886	7,694	8,231	6,368	4,705
United States <sup>2</sup>	200	288	265	0		
British Honduras	1	2	6	3	2	99
Costa Rica	6	17	7	3	4	
Honduras	17	4				
Dominican Republic	27	35	46	46	57	
Dominica	11	10	10			
Haiti	6	3	5	6		
Jamaica	275	75	83	101	102	
Trinidad and Tobago	18	9	21	26	69	
Italy	4,261	4,538	1,265	3,470	4,405	5,615
Greece	268	54	( <sup>3</sup> )	36	36	96
Spain	19,614	8,317	6,347	5,468	8,431	13,420
Brazil	31	27	0	( <sup>3</sup> )	4	69
Ecuador	4,409	1,741	2,768	1,713	2,845	2,011
Paraguay	146	89	144	53	58	
Surinam	128	29	42	23	41	40
Uruguay	4	1	20	69	90	92
Palestine	9,099	2,044	5,572	6,969	3,033	3,000
China	641	49	46	45	88	20
Cyprus	213	28	197	229	308	
Siam	20	5				
Turkey <sup>1</sup>	54	10	0	0	0	
Japan	1,225			27	65	139
Japan <sup>4</sup>	939	1,017				
Korea	338	493				
Formosa	212	337				
Formosa <sup>5</sup>	60	39				
Syria and Lebanon	397	62	36	45	18	110
Union of South Africa	3,123	2,036	2,081	2,965	3,028	3,391
Algeria	11,642	1,298	6,772	1,967	2,886	5,446
Egypt	248	2	25	13	13	
French Morocco	252	283	545	995	2,834	2,757
Tunisia	140	82	70	121	267	224
Spanish Morocco	11	2				
Southern Rhodesia	170	73	25	14	15	
Mozambique	104	10	18	21	25	
Australia <sup>1</sup>	348	209	229	366	349	
Cook Island <sup>9</sup>	59	78	69	22	50	36
Total	53,995	28,282	28,408	33,047	35,491	41,270
Importing countries:						
Canada	2,981	4,623	6,052	5,607	5,047	4,387
Panama Canal Zone	10	32				
Bahamas	7	5				
Curacao (Neth. West Indies)	45	109	58	64	76	
United Kingdom <sup>1</sup>	16,754	5,158	8,503	13,109	14,627	9,689
Germany <sup>10</sup>	5,434	4,731			369	2,672
France	6,874	2,534	1,385	3,255	7,584	12,386
Netherlands	2,530	532	546	1,288	1,110	1,455
Belgium	2,293	362	2,291	4,124	3,128	2,677
Sweden <sup>1</sup>	1,223	723	2,790	2,165	1,394	1,989
Switzerland	816	571	1,078	1,295	1,558	1,489
Czechoslovakia	749	253	34	512	21	225
Norway	759	113	557	618	205	308
Hungary	445	309		6	6	
Poland	703					
Denmark	302	103	214	1	131	552
Yugoslavia	202					
Finland	229	32	( <sup>3</sup> )	1	1	33
Ireland	531	112	652	758	566	501
Iceland	4	3	35			
Bulgaria	38	23				
Austria <sup>11</sup>	539			57	167	570

See footnotes at end of table.

TABLE 245.—*Citrus fruits: International trade, average 1935-39 and 1940-44, annual 1946-49—Continued*

## ORANGES (INCLUDING TANGERINES)

Classification and country	Average		1946	1947	1948	1949
	1935-39	1940-44				
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Importing countries (cont'd.):						
Rumania	262	91				
U.S.S.R.	314					
Malta	47	(12)				
Argentina	1,586	2,014	1,326	1,473	2,107	1,400
Chile	26	37	25	8	5	0
British Guiana	9	4				
Peru	(12)	(12)	198	92	128	
China	76	333	333	7	(3)	3
Syria and Lebanon	285	520	364	271	33	
Netherlands Indies	41	33			3	
Indochina	60	20				
Philippine, Republic of	163	163	454	357	608	307
Japan 13	60	39				
Korea 14	939	1,017				
Hong Kong	255	12	125	348	304	262
Manchuria	1,086					
Egypt		105	25	3	5	
Mauritius	11	8		4		
Canary Islands	1	48				
Spanish Morocco	9	59				
South West Africa	13	38				
Southern Rhodesia	3	5	11	15	15	
New Zealand	288	195	105	227	392	
New Zealand 14	59	78	69	22	50	36
Hawaii 15	200	288	265	0		
Total	49,263	25,435	27,495	35,687	39,700	40,941

## GRAPEFRUIT

Exporting countries:						
United States	992	968	2,280	2,430	2,146	1,572
United States 2	19	28	26	28		
Puerto Rico 13	226	37	0	1	0	
British Honduras	37	14	1	1	1	2
Cuba	139	91	38	81	42	91
Dominica	5	5	5			
Honduras	62	18				37
Jamaica	145	13	30	70	129	
Trinidad and Tobago	48	33	4	91	210	
Brazil	150	3	0	17		
Paraguay	5	1	20	17	19	60
Palestine	1,409	206	893	1,127	861	820
Cyprus	10	6	60	145	130	
Algeria 1	95	107	27	23	35	18
Union of South Africa	362	54	320	349	400	457
Australia 7	3	2	4	7	5 2	
Total	3,707	1,586	3,708	4,387	3,975	3,057
Importing countries:						
United States	74	85	34	75	42	100
United States 10	226	37	0	1	0	
Canada	649	902	1,778	1,552	1,797	1,367
Denmark	11	1	20	0		32
Ireland	38	3	36	15	10	20
Germany 10	68					
France	151	9	3	6	41	51
Netherlands 1	64	9	5	27	32	
Sweden	41	7	104	69	47	82
United Kingdom 1	1,692	168	1,012	2,032	1,419	1,504
Belgium	195	43	190	323	182	
Czechoslovakia	16		5	30		
Syria and Lebanon	18	16	3	2		
Egypt	4	14				
Philippines, Republic of	13	8	3	4	13	10
New Zealand	7	3	2	3	8	
Australia 7	14	4	4	7	5 2	
Hawaii 15	19	28	26	28		
Total	3,300	1,337	3,225	4,174	3,593	3,136

See footnotes at end of table.

TABLE 245.—*Citrus fruits: International trade, average 1935-39 and 1940-44, annual 1946-49—Continued*

## LEMONS

Classification and country	Average		1946	1947	1948	1949
	1935-39	1940-44				
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Exporting countries:						
United States.....	603	495	539	489	125	119
United States <sup>1</sup> .....	19	24	22	19		
Italy.....	5,959	4,202	1,293	2,591	4,062	5,130
Spain.....	762	373	311	177	467	634
Syria and Lebanon.....	275	23	77	16	33	
Palestine.....	86	17	173	478	5	
Algeria.....	17	19	53	37	124	
Cyprus.....	33	2	30	20	4	
Union of South Africa.....	40	1	12	6		39
Australia <sup>7</sup> .....	11	4	6	15	83	
Total.....	7,805	5,160	2,516	3,848	4,823	5,922
Importing countries:						
United States.....	33	( <sup>2</sup> )	3	5	61	177
Canada.....	384	442	516	483	511	466
Germany.....	1,975	2,302	2	12	283	1,315
United Kingdom.....	1,674	347	669	900	1,336	954
France <sup>1</sup> .....	744	203	250	501	992	1,177
Czechoslovakia.....	415	203	226	435	402	286
Poland.....	307			29	77	
Switzerland <sup>1</sup> .....	320	172	251	320	394	438
Austria.....	251		68	64	224	287
Belgium.....	168	55	179	300	266	289
Rumania.....	168	104				
Netherlands.....	161	84	19	117	46	88
Hungary.....	174	173		93	47	
Yugoslavia.....	128					
Denmark.....	84	58	160	154	182	145
Sweden.....	66	56	97	109	150	137
Turkey.....	81	21				
Greece.....	13	0				
U.S.S.R.....	150					
Latvia.....	24					
Lithuania.....	12					
Ireland.....	41	15	29	16	23	18
Bulgaria.....	32	31				
Finland.....	15	13	( <sup>3</sup> )	9	22	
Argentina.....	137	10	1	8		
Syria and Lebanon.....	( <sup>3</sup> )	1	2	29	0	
China.....	5	3				
New Zealand.....	9	6	1	1	11	
Hawaii.....	19	24	22	19		
Philippines, Republic of.....	6	25	4	1	4	4
Total.....	7,453	4,328	2,496	3,600	4,970	5,781

<sup>1</sup> Net trade. <sup>2</sup> Trade with Hawaii. <sup>3</sup> Less than 500 boxes. <sup>4</sup> Trade with Korea. <sup>5</sup> Trade with Japan. <sup>6</sup> Crop year. <sup>7</sup> Year beginning July 1. <sup>8</sup> 9 months. <sup>9</sup> Trade with New Zealand. <sup>10</sup> Includes Austria 1940-45. <sup>11</sup> Included with Germany 1940-45. <sup>12</sup> Not available. <sup>13</sup> Trade with Formosa. <sup>14</sup> Trade with Cook Islands. <sup>15</sup> Trade with United States. <sup>16</sup> Trade with Puerto Rico.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information.

TABLE 246.—*Cranberries: Acreage, yield, production, season average price per barrel received by farmers, value, and quantities processed, 5 States,<sup>1</sup> 1929-49*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed <sup>2</sup>	Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed <sup>2</sup>
	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>3</sup></i>		<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>3</sup></i>
1929-----	27,440	20.8	569,800	13.49	7,687	-----	1939-----	25,640	27.5	704,200	9.85	6,933	206,102
1930-----	27,640	21.1	583,500	10.83	6,320	-----	1940-----	25,440	22.4	570,500	12.40	7,055	170,401
1931-----	27,640	23.7	654,000	6.55	4,284	-----	1941-----	25,440	23.5	725,200	11.70	8,491	266,760
1932-----	27,320	21.2	579,800	7.79	4,517	-----	1942-----	25,450	31.9	812,200	12.40	10,078	397,613
1933-----	26,940	25.9	698,700	6.41	4,481	-----	1943-----	25,440	27.0	687,900	16.40	11,270	275,500
1934-----	26,540	16.8	445,300	11.58	5,156	32,700	1944-----	25,400	14.8	375,700	24.60	9,237	158,400
1935-----	26,290	19.6	515,500	12.13	6,255	86,800	1945-----	25,680	25.5	656,100	20.90	13,686	281,000
1936-----	26,200	19.2	504,300	13.58	6,848	88,075	1946-----	26,000	32.9	856,100	31.90	27,291	587,500
1937-----	26,140	33.6	877,300	8.75	7,674	316,887	1947-----	26,160	30.2	790,200	17.10	13,487	500,200
1938-----	25,840	18.4	474,200	10.98	5,206	43,415	1948-----	26,560	36.4	967,700	10.10	9,753	505,400
1939-----	25,840	18.4	474,200	10.98	5,206	43,415	1949 <sup>4</sup> -----	27,020	31.1	840,400	9.23	7,518	265,400

<sup>1</sup> Massachusetts, New Jersey, Wisconsin, Washington, and Oregon.<sup>2</sup> Mainly for canning, except 128,425 barrels dried in 1943, 61,300 barrels in 1944, and 44,800 barrels in 1945.<sup>3</sup> Barrels of 100 pounds.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-28 in Agricultural Statistics, 1942, table 304.

TABLE 247.—*Cranberries: Acreage, yield, production, and season average price per barrel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47			Average 1938-47			Average 1938-47			Average 1938-47		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.<sup>2</sup></i>	<i>Bbl.<sup>2</sup></i>	<i>Bbl.<sup>2</sup></i>	<i>Bbl.<sup>2</sup></i>	<i>Bbl.<sup>2</sup></i>	<i>Bbl.<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts	14,220	15,000	15,400	30.8	40.3	33.8	437,600	605,000 <sup>3</sup>	520,000	16.80	9.90	8.70
New Jersey	7,970	7,800	7,500	9.6	8.8	8.9	76,800	69,000	67,000	16.40	10.20	8.50
Wisconsin	2,610	2,800	3,100	42.2	85.0	64.5	110,400	238,000	200,000	17.70	10.90	11.20
Washington	680	700	700	44.1	60.6	57.1	29,660	42,400	40,000	15.70	8.05	7.40
Oregon	169	260	320	64.0	51.2	41.9	10,770	13,300	13,400	16.80	9.30	8.50
5 States	25,649	26,560	27,020	25.9	36.4	31.1	665,230	967,700	840,400	16.80	10.10	9.23

<sup>1</sup> Preliminary.<sup>2</sup> Barrels of 100 pounds.<sup>3</sup> Includes 26,000 barrels excess cullage of harvested fruit. Price applies only to that portion of the crop utilized.

Bureau of Agricultural Economics.

TABLE 248.—*Dates: Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-49<sup>1</sup>*

Year	California			Imports, year beginning July	Year	California			Imports, year beginning July
	Production	Price <sup>2</sup>	Farm value			Production	Price <sup>2</sup>	Farm value	
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>			<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	
1929-----	870	222	193	26,625	1940-----	6,200	117	725	22,394
1930-----	1,560	140	218	21,214	1941-----	5,790	150	868	9,081
1931-----	1,215	60	73	21,950	1942-----	7,740	262	2,028	1,631
1932-----	2,160	40	86	23,911	1943-----	10,770	466	5,019	324
1933-----	2,450	70	172	21,144	1944-----	13,190	492	6,489	11,964
1934-----	3,160	80	253	26,890	1945-----	6,800	398	2,706	19,518
1935-----	3,250	80	260	27,028	1946-----	16,720	185	3,093	22,592
1936-----	3,970	110	437	29,068	1947-----	10,180	81	825	19,849
1937-----	3,630	120	436	25,822	1948-----	16,240	110	1,786	17,332
1938-----	3,530	125	441	23,474	1949 <sup>3</sup> -----	14,100	148	2,087	-----
1939-----	2,600	125	328	22,547					

<sup>1</sup> The 1940 census reported date production in California, Arizona, and a few minor producing States in 1939, but of the total production 95 percent was in California.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 249.—*Figs: Production, season average price per ton received by farmers, and value, California and Texas, and imports, United States, 1929-49*

Year	California											Texas, commercial preserving			California and Texas			Net im-ports, year beginning July (dried figs) <sup>2</sup>	
	Dried (dry basis)						Fresh and canned			Total			Production (fresh basis)	Price	Farm value	Production (fresh basis)	Price		Farm value
	Production			Price	Farm value	Production (fresh basis)	Price <sup>1</sup>	Farm value	Production (fresh basis) <sup>2</sup>	Price	Farm value								
	Total	Stand-ard	Sub-stand-ard																
	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	
1929	17,000	12,000	5,000	90.00	1,530	7,300	100.00	730	58,300	38.77	2,260	2,780	40.00	111	61,080	38.82	2,371	8,884	
1930	21,000	15,100	5,900	48.00	1,008	7,700	90.00	693	70,700	24.06	1,701	2,960	45.00	133	73,660	24.90	1,834	6,950	
1931	17,000	9,500	7,500	37.00	629	5,300	74.00	392	56,300	18.13	1,021	1,850	59.00	109	58,150	19.43	1,130	3,837	
1932	19,000	14,300	4,700	25.47	484	6,500	36.50	237	63,500	11.35	721	510	47.00	24	64,010	11.64	745	2,935	
1933	21,500	17,200	4,300	43.80	942	5,900	50.50	298	70,400	17.61	1,240	660	55.00	36	71,060	17.96	1,276	3,543	
1934	22,900	17,400	5,500	59.30	1,358	9,000	51.85	467	77,700	23.49	1,825	970	52.00	50	78,670	23.83	1,875	2,828	
1935	24,000	18,800	5,200	43.00	1,032	10,200	56.50	576	82,200	19.56	1,608	1,590	64.00	102	83,790	20.41	1,710	3,190	
1936	20,000	15,000	5,000	77.00	1,540	11,000	54.00	594	71,000	30.06	2,134	1,450	59.00	86	72,450	30.64	2,220	3,302	
1937	28,700	23,600	5,100	68.00	1,952	12,000	70.30	844	98,100	28.50	2,796	1,610	60.00	97	99,710	29.01	2,893	2,946	
1938	31,500	20,600	10,900	65.10	2,051	11,000	56.50	622	105,500	25.34	2,673	1,240	45.00	56	106,740	25.57	2,729	2,416	
1939	26,000	20,900	5,100	78.00	2,028	9,300	49.10	457	87,300	28.50	2,485	1,140	56.00	64	88,440	28.80	2,549	2,323	
1940	32,000	24,100	7,900	70.00	2,240	15,000	57.50	862	111,000	27.90	3,102	840	63.00	53	111,840	28.20	3,155	785	
1941	33,500	25,000	8,500	114.00	3,819	19,000	58.10	1,104	119,500	41.20	4,923	1,400	64.00	90	120,900	41.50	5,013	91	
1942	28,200	22,900	5,300	171.00	4,822	17,000	79.30	1,348	101,600	60.70	6,170	1,100	82.00	90	102,700	61.00	6,260	4,810	
1943	36,700	29,900	6,800	292.00	10,716	23,000	137.00	3,151	133,100	104.00	13,867	460	158.00	73	133,560	104.00	13,940	4,124	
1944	35,200	27,400	7,800	253.00	8,906	19,000	130.00	2,470	124,600	91.30	11,376	750	168.00	126	125,350	91.80	11,502	4,168	
1945	32,600	25,600	7,000	273.00	8,900	14,000	139.00	1,946	111,800	97.00	10,846	1,100	152.00	167	112,900	97.50	11,013	4,483	
1946	36,600	27,700	8,900	278.00	10,175	18,000	141.00	2,538	127,800	99.50	12,713	1,280	174.00	223	129,080	100.00	12,936	4,408	
1947	38,000	30,600	7,400	223.00	4,674	16,000	116.00	1,856	130,000	50.20	6,530	760	174.00	132	130,760	50.90	6,662	797	
1948	30,300	23,300	7,000	139.00	4,212	12,000	98.10	1,177	102,900	52.40	5,389	510	112.00	57	103,410	52.70	5,446	4,613	
1949 <sup>5</sup>	28,400	22,700	5,700	180.00	5,112	8,000	102.00	816	93,200	63.60	5,928	660	106.00	70	93,860	63.90	5,998	-----	

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>2</sup> California dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.<sup>3</sup> General imports minus re-exports, 1929-33; imports for consumption, 1934-41; imports for consumption minus exports—1942 to date.<sup>4</sup> Net exports; no exports reported prior to 1943.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports from records of Department of Commerce.

TABLE 250.—*Grapes: Production, value, and foreign trade; also raisin production and foreign trade, United States, 1929-49*

Year	Grapes										Raisins			
	Production (fresh basis) <sup>1</sup>			Season average price per ton received by farmers			Total farm value	Foreign trade, year beginning July				Production (Calif.) <sup>4</sup>	Foreign trade, year beginning September <sup>5</sup>	
	California	Other States	United States	California <sup>2</sup>	Other States	United States		Domestic exports		Imports, fresh	Net ex-ports <sup>3</sup>		Domestic exports	Imports
								Fresh	Canned, in terms of fresh					
	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	1,000 tons	Tons	Tons
1929.....	1,827	259	2,086	23.79	52.27	27.33	57,007	23,079	-----	2,687	20,448	215	66,383	739
1930.....	2,181	277	2,458	16.30	42.99	19.46	45,536	24,900	-----	2,856	22,107	192	66,795	1,131
1931.....	1,320	327	1,647	20.23	32.08	22.60	36,996	13,806	-----	3,013	10,902	169	60,877	662
1932.....	1,926	307	2,233	11.72	22.80	13.35	27,753	14,676	-----	3,157	11,616	262	64,710	708
1933.....	1,660	279	1,939	16.10	29.31	18.00	34,846	13,344	-----	<sup>6</sup> 3,928	9,416	195	52,530	<sup>6</sup> 563
1934.....	1,700	258	1,958	17.52	34.51	19.75	38,664	17,856	-----	7,305	10,551	171	48,226	527
1935.....	2,194	283	2,477	12.93	29.79	14.86	36,800	18,676	-----	4,579	14,097	203	60,891	473
1936.....	1,714	183	1,897	19.10	42.52	21.36	40,531	23,058	-----	4,753	18,305	182	59,121	348
1937.....	2,454	272	2,726	18.99	33.67	20.41	55,456	35,014	-----	4,740	30,274	247	76,674	256
1938.....	2,531	140	2,671	12.83	44.93	14.51	38,760	39,929	-----	4,549	35,380	290	84,290	174
1939.....	2,228	221	2,449	13.70	38.70	15.90	39,034	29,980	-----	4,443	25,537	245	62,079	148
1940.....	2,250	216	2,466	15.50	34.50	17.20	42,302	30,523	<sup>7</sup> 51	3,419	27,155	171	49,349	55
1941.....	2,547	178	2,725	22.40	48.80	24.10	65,725	32,101	149	3,389	28,861	209	52,561	59
1942.....	2,160	236	2,396	33.40	55.10	35.60	85,174	22,025	19	1,430	20,614	254	<sup>8</sup> 84,925	50
1943.....	2,789	176	2,965	60.70	86.20	62.20	184,550	23,751	1	669	23,083	401	126,786	19
1944.....	2,514	198	2,712	77.20	99.00	78.80	213,689	22,402	23	2,755	19,670	310	104,072	73
1945.....	<sup>9</sup> 2,663	118	2,781	56.50	121.00	59.30	164,193	29,067	( <sup>10</sup> )	3,779	25,288	241	53,179	1
1946.....	2,958	202	3,160	90.50	142.00	93.80	296,491	36,091	1	6,986	29,106	193	43,659	1,234
1947.....	2,836	200	3,036	36.00	100.00	40.20	122,147	47,176	126	4,811	42,491	306	155,116	38
1948.....	2,891	187	3,078	35.60	98.80	39.50	121,460	37,359	253	5,502	32,110	232	56,210	30
1949 <sup>11</sup> .....	2,485	177	2,662	31.80	90.20	35.60	94,882	-----	-----	-----	-----	262	-----	-----

<sup>1</sup> Includes the following quantities unharvested on account of economic conditions (1,000 tons): California, 1930-433, including 316 sold but left on the vines; 1931-10; 1932-154; 1933-3. Other States, 1937-9; 1940-2; 1948-240. Price and value apply only to that portion of the crop utilized plus a quantity of fruit that was sold but left on the vines in 1930.

<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>3</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1933, domestic exports minus imports for consumption.

<sup>4</sup> Included in total production of grapes, fresh basis; 1 ton of raisins equivalent to about 4 tons of fresh grapes.

<sup>5</sup> Exports and imports of raisins converted to sweatbox, or production, basis at the ratio of 1 to 1.08.

<sup>6</sup> Beginning 1933, imports for consumption.

<sup>7</sup> January-June 1941; first date reported. One pound canned equals 0.741 pound fresh.

<sup>8</sup> Includes currants beginning January 1943.

<sup>9</sup> The production estimate for California includes 12,000 tons (fresh weight) of raisin varieties lost on the drying trays because of rain damage.

<sup>10</sup> Less than ½ ton.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data compiled from reports of the Department of Commerce.

TABLE 251.—*Grapes: Production and season average price per ton received by farmers, by States, average 1938-47, annual 1947-49*

State and division	Production <sup>1</sup>				Price for crop of—			
	Average 1938-47	1947	1948	1949 <sup>2</sup>	Average 1938-47	1947	1948	1949 <sup>2</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	53,470	60,000	65,200	48,400	83.00	106.00	105.00	95.00
New Jersey.....	2,150	1,900	1,800	2,200	75.20	102.00	90.00	70.00
Pennsylvania.....	15,960	18,100	17,200	14,100	84.00	110.00	110.00	105.00
North Atlantic.....	71,580	80,000	84,200	64,700	83.20	107.00	106.00	96.30
Ohio.....	15,650	15,400	11,000	15,800	76.60	100.00	105.00	90.00
Indiana.....	2,300	2,400	2,100	2,500	64.40	75.00	85.00	98.00
Illinois.....	3,450	3,200	3,100	3,100	67.50	94.00	100.00	90.00
Michigan.....	32,570	42,500	27,000	34,300	75.80	88.00	98.00	85.00
Iowa.....	2,990	2,600	3,100	4,500	72.30	95.00	100.00	80.00
Missouri.....	4,970	3,800	3,800	3,800	62.20	74.00	76.00	72.00
Kansas.....	2,280	1,900	2,400	2,400	69.30	88.00	86.00	80.00
North Central.....	64,210	71,800	52,500	66,400	73.20	89.90	97.10	85.70
Virginia.....	1,760	1,800	2,300	1,800	104.00	170.00	170.00	150.00
West Virginia.....	1,245	900	1,500	1,500	98.20	150.00	115.00	90.00
North Carolina.....	5,190	5,600	5,600	4,500	109.00	180.00	176.00	145.00
South Carolina.....	1,130	1,100	1,100	800	110.00	180.00	180.00	160.00
Georgia.....	1,970	2,600	2,900	2,300	115.00	180.00	180.00	160.00
South Atlantic.....	11,295	12,000	13,400	10,900	107.00	176.00	169.00	142.00
Arkansas.....	8,610	12,600	11,100	11,900	67.50	89.00	79.00	90.00
South Central.....	8,610	12,600	11,100	11,900	67.50	89.00	79.00	90.00
Arizona.....	990	1,100	800	1,000	147.00	242.00	345.00	375.00
Washington.....	14,740	21,400	24,000	20,800	48.00	67.40	42.00	46.60
Oregon.....	1,780	1,500	1,400	1,400	61.40	80.00	86.00	67.00
California, all.....	2,547,600	2,836,000	2,891,000	2,485,000	<sup>3</sup> 41.90	<sup>3</sup> 36.00	<sup>3</sup> 35.60	<sup>3</sup> 31.80
Wine varieties.....	565,900	517,000	620,000	538,000	<sup>3</sup> 48.50	<sup>3</sup> 33.40	<sup>3</sup> 35.70	<sup>3</sup> 29.80
Table varieties.....	502,600	620,000	592,000	514,000	<sup>3</sup> 53.20	<sup>3</sup> 45.60	<sup>3</sup> 35.50	<sup>3</sup> 31.30
Raisin varieties.....	1,479,100	1,699,000	1,679,000	1,433,000	<sup>3</sup> 35.40	<sup>3</sup> 33.30	<sup>3</sup> 35.60	<sup>3</sup> 32.60
Raisins <sup>4</sup> .....	261,950	306,000	231,500	262,000	<sup>3</sup> 136.00	<sup>3</sup> 132.00	<sup>3</sup> 134.00	<sup>3</sup> 128.00
Not dried.....	431,300	475,000	753,000	385,000	<sup>3</sup> 41.70	<sup>3</sup> 34.00	<sup>3</sup> 38.20	<sup>3</sup> 34.40
Western.....	2,565,110	2,860,000	2,917,200	2,508,200	42.00	36.30	35.80	32.00
United States.....	<sup>5</sup> 2,736,160	3,036,400	3,078,400	2,662,100	44.20	40.20	39.50	35.60

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1948, estimates of such quantities were as follows (tons): Kansas, 240.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>4</sup> Dried basis: 1 ton of raisins equivalent to about 4 tons of fresh grapes.

<sup>5</sup> United States average includes estimated production for Massachusetts, Rhode Island, Connecticut, Wisconsin, Nebraska, Delaware, Maryland, Florida, Kentucky, Tennessee, Alabama, Oklahoma, Texas, Idaho, Colorado, New Mexico, and Utah from 1938 through 1946. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.



TABLE 252.—*Grapes: Production and utilization, United States, 1940-49 crops*

Crop of	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned <sup>2</sup>	Dried	Other <sup>3</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1940.....	2,466,450	2,464,050	36,720	2,427,330	633,250	11,300	688,600	1,094,180
1941.....	2,724,900	2,724,900	34,750	2,690,150	623,500	18,000	840,000	1,208,650
1942.....	2,395,500	2,395,500	36,970	2,358,530	593,780	16,400	1,025,000	723,350
1943.....	2,965,250	2,965,250	31,760	2,933,490	425,620	13,000	1,605,800	889,070
1944.....	2,712,100	2,712,100	37,050	2,675,050	454,860	14,000	1,238,000	968,190
1945.....	2,781,400	2,769,400	26,590	2,742,810	525,260	11,000	969,200	1,237,350
1946.....	3,159,500	3,159,500	32,800	3,126,700	559,650	14,300	772,400	1,780,350
1947.....	3,036,400	3,036,400	27,100	3,009,300	659,150	23,000	1,225,100	1,102,050
1948.....	3,078,400	3,078,160	27,700	3,050,460	577,440	30,000	928,200	1,514,820
1949 <sup>4</sup> .....	2,662,100	2,662,100	26,700	2,635,400	553,390	25,000	1,049,300	1,007,710

<sup>1</sup> Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities, however, are not available, and that part of production which was canned in those States is included in "fresh."

<sup>3</sup> Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-39 in Agricultural Statistics, 1946, table 236.

TABLE 253.—*Grapes: Production and utilization, by States, 1948 and 1949 crops*  
CROP OF 1948

State	Production	Production having value	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
New York.....	65,200	65,200	1,620	63,580	6,280	—	—	57,300
New Jersey.....	1,800	1,800	200	1,600	740	—	—	860
Pennsylvania.....	17,200	17,200	2,000	15,200	2,000	—	—	13,200
Ohio.....	11,000	11,000	1,800	9,200	3,400	—	—	5,800
Michigan.....	27,000	27,000	1,600	25,400	6,990	—	—	18,410
Arkansas.....	11,100	11,100	1,080	10,020	2,020	—	—	8,000
Washington.....	24,000	24,000	780	23,220	1,780	—	—	21,440
California, all.....	2,891,000	2,891,000	2,700	2,888,300	543,800	30,000	928,200	1,386,300
Wine varieties.....	620,000	620,000	1,400	618,600	99,300	—	2,000	517,300
Table varieties.....	592,000	592,000	600	591,400	256,800	—	200	334,400
Raisin varieties.....	1,679,000	1,679,000	700	1,678,300	187,700	30,000	<sup>2</sup> 926,000	534,600
Other States <sup>3</sup> .....	<sup>4</sup> 30,100	29,860	15,920	13,940	10,430	—	—	3,510
United States.....	<sup>4</sup> 3,078,400	3,078,160	27,700	3,050,460	577,440	<sup>5</sup> 30,000	928,200	1,514,820

CROP OF 1949 <sup>6</sup>

	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
New York.....	48,400	48,400	1,620	46,780	4,680	—	—	42,100
New Jersey.....	2,200	2,200	300	1,900	1,250	—	—	650
Pennsylvania.....	14,100	14,100	2,000	12,100	2,100	—	—	10,000
Ohio.....	15,800	15,800	2,200	13,600	3,200	—	—	10,400
Michigan.....	34,300	34,300	1,700	32,600	7,510	—	—	25,090
Arkansas.....	11,900	11,900	1,080	10,820	2,220	—	—	8,600
Washington.....	20,800	20,800	800	20,000	1,800	—	—	18,200
California, all.....	2,485,000	2,485,000	2,700	2,482,300	520,200	25,000	1,049,300	887,900
Wine varieties.....	538,000	538,000	1,400	536,600	89,100	—	—	447,500
Table varieties.....	514,000	514,000	600	513,400	274,700	—	1,300	237,400
Raisin varieties.....	1,433,000	1,433,000	700	1,432,300	156,400	25,000	<sup>2</sup> 1,048,000	202,900
Other States <sup>3</sup> .....	29,600	29,600	14,300	15,300	10,430	—	—	4,870
United States.....	2,662,100	2,662,100	26,700	2,635,400	553,390	<sup>5</sup> 25,000	1,049,300	1,007,710

<sup>1</sup> Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

<sup>2</sup> Fresh basis: dried raisins converted to fresh weight at ratio of 4 tons fresh to 1 ton dried.

<sup>3</sup> Indiana, Illinois, Iowa, Missouri, Kansas, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Arizona and Oregon.

<sup>4</sup> Production includes 240 tons of Kansas grapes not harvested on account of economic conditions.

<sup>5</sup> Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities are not available, however, and that part of production which was canned in those States is included in "fresh."

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 254.—*Grapes, California: Utilization of harvested production of all varieties, 1929-49*

Year	Harvested production	Dried, fresh basis <sup>1</sup>	Table stock <sup>2</sup>	Crushed by commercial wineries	Otherwise used as juice stock <sup>2</sup>	Canned
	Tons	Tons	Tons	Tons	Tons	Tons
1929	1,827,000	898,000	320,200	51,000	555,500	2,300
1930	1,748,000	782,100	316,400	74,100	574,100	1,300
1931	1,310,000	702,400	235,400	34,600	337,300	300
1932	1,772,000	1,062,000	230,400	99,000	380,100	500
1933	1,657,000	793,000	201,230	444,000	217,800	970
1934	1,700,000	695,200	263,400	530,000	209,200	2,200
1935	2,194,000	816,000	252,500	887,000	236,100	2,400
1936	1,714,000	733,600	289,900	494,000	193,300	3,200
1937	2,454,000	994,000	316,400	911,000	225,100	7,500
1938	2,531,000	1,168,800	309,200	862,000	186,000	5,000
1939	2,228,000	988,600	293,600	712,000	222,800	11,000
1940	2,250,000	688,600	326,900	998,000	227,200	11,300
1941	2,547,000	840,000	350,900	1,120,000	218,100	18,000
1942	2,160,000	1,025,000	320,100	596,100	202,400	16,400
1943	2,789,000	1,605,800	318,700	790,000	61,500	13,000
1944	2,514,000	1,238,000	274,000	858,000	130,000	14,000
1945	2,651,000	969,200	351,000	1,170,000	149,800	11,000
1946	2,958,000	772,400	379,100	1,651,900	140,300	14,300
1947	2,836,000	1,225,100	458,900	966,000	163,000	22,000
1948	2,857,000	894,200	405,200	1,386,300	141,300	30,000
1949	2,485,000	1,049,300	397,400	887,800	125,500	25,000

<sup>1</sup> Includes small quantities of dried grapes which were finally used for juice. 1 ton dried equals 4 tons fresh.

<sup>2</sup> Estimates made by the Giannini Foundation of Agricultural Economics, University of California.

Bureau of Agricultural Economics. Compiled partly from reports of the California Cooperative Crop Reporting Service and the Federal-State market news service.

TABLE 255.—*Grapes: Sales of selected California varieties at eastern and mid-western auctions, <sup>1</sup> 1944-49*

Class and variety	Number of packages (mostly lugs) <sup>2,3</sup>						Season average price per package <sup>2</sup>					
	1944	1945	1946	1947	1948	1949	1944	1945	1946	1947	1948	1949
<i>Table grapes <sup>4</sup></i>	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Dol-	Dol-	Dol-	Dol-	Dol-	Dol-
Almeria	sands	sands	sands	sands	sands	sands	lars	lars	lars	lars	lars	lars
Cornichon	160	209	364	299	403	350	4.66	3.02	4.26	2.69	2.77	2.92
Emperor	71	53	87	89	62	31	2.72	2.40	2.60	1.81	1.97	1.98
Red Malaga	848	669	1,380	2,289	1,565	1,504	4.02	2.81	3.60	2.54	2.66	2.66
Ribier	330	157	392	492	362	379	4.07	2.87	4.73	3.17	3.66	1.99
Thompson Seedless	342	244	591	623	609	506	3.56	2.67	3.54	2.77	3.07	2.71
Tokay	<sup>5</sup> 291	<sup>5</sup> 851	2,116	2,563	2,613	2,167	5.56	2.61	4.04	2.85	3.20	2.87
White Malaga	626	217	754	747	616	642	2.59	2.31	2.75	2.02	2.11	2.02
	497	169	418	406	204	117	3.06	2.45	2.35	1.87	2.05	2.15
<i>Juice Grapes <sup>5</sup></i>												
Alicante Bouschet	786	519	994	973	969	575	4.30	2.99	3.43	2.64	2.45	2.64
Carignane	245	192	230	310	240	162	3.33	2.84	3.39	2.30	2.07	2.32
Juice Muscat	<sup>5</sup> 256	<sup>5</sup> 180	307	426	402	329	3.00	2.96	3.50	2.27	2.37	2.54
Marato	19	10	15	20	14	11	4.44	2.81	3.61	2.34	2.20	2.26
Mission	9	19	16	35	44	19	3.83	2.73	3.20	1.97	2.05	2.37
Petite Sirah	16	2	5	7	7	9	3.87	3.05	3.86	2.70	2.89	2.35
Zinfandel	332	67	361	304	350	371	4.36	2.69	3.80	2.83	2.90	2.43
Total table <sup>7</sup>	3,096	2,590	6,225	7,634	6,580	5,807	3.72	2.68	3.64	2.61	2.90	2.64
Total juice <sup>7</sup>	1,987	1,169	2,255	2,470	2,441	1,845	3.99	2.91	3.57	2.49	2.38	2.53
Grand total <sup>7</sup>	5,083	3,759	8,480	10,104	9,021	7,651	3.83	2.75	3.63	2.58	2.76	2.61

<sup>1</sup> Baltimore, Boston, Chicago, Cincinnati, Cleveland, Detroit, Jersey City, Minneapolis, New York, Philadelphia, Pittsburgh, St. Louis, and St. Paul. Minneapolis and St. Paul auctions were discontinued after 1944.

<sup>2</sup> From start of season in late June through Dec. 31 for year 1944; since then, this table covers the entire marketing season. Prices are weighted by number of packages sold.

<sup>3</sup> Table stock mostly in packages containing about 28 pounds; juice stock in packages containing mostly 25 to 40 pounds, with some special packs ranging from 42 to 50 pounds.

<sup>4</sup> Table grapes include sales for table use only.

<sup>5</sup> Most of Thompson Seedless and Muscat crops in 1944 and 1945 were restricted to raisin use, causing greatly reduced quantities of these varieties on the fresh market.

<sup>6</sup> Juice grapes include sales for juice use only.

<sup>7</sup> Includes varieties not listed in this table.

Production and Marketing Administration. Data for 1938-43 in Agricultural Statistics, 1944, table 216.

TABLE 256.—*Olives: Production, value, and utilization, California; and imports, United States, 1929-49*<sup>1</sup>

Year	Production <sup>2</sup>	Season average price per ton received by farmers	Farm value	Utilization			Imports, year beginning July			
				Crushed for oil	Canned	Other <sup>3</sup>	Olive oil		Olives	
							Edible	Inedible	In brine	Dried, etc.
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 pounds</i>
1929.....	21,000	66.90	1,405	8,200	9,800	2,200	98,446	60,173	8,452	61
1930.....	20,000	62.70	1,254	7,800	9,800	1,800	73,793	52,410	7,429	770
1931.....	16,000	39.40	630	7,100	6,400	1,800	78,669	58,867	7,057	510
1932.....	22,000	32.00	544	8,200	5,900	2,200	72,366	52,793	4,675	337
1933.....	14,000	58.30	816	4,200	7,900	1,500	57,433	46,515	5,806	102
1934.....	18,000	85.30	1,535	4,400	9,900	2,600	62,562	52,591	6,821	169
1935.....	32,000	45.40	1,453	17,300	7,800	5,400	68,245	36,543	6,442	2,465
1936.....	27,000	62.50	1,688	11,000	13,800	1,500	57,684	38,982	6,493	1,824
1937.....	28,000	67.60	1,893	12,300	11,500	3,500	58,665	17,015	5,444	126
1938.....	45,000	45.80	1,992	27,000	6,900	8,000	65,664	38,447	6,393	99
1939.....	23,000	74.00	1,702	6,100	12,200	3,700	64,586	36,727	6,907	126
1940.....	69,000	76.20	5,258	39,100	16,200	12,000	21,697	14,843	7,018	123
1941.....	55,000	153.00	8,415	28,300	16,700	9,400	6,399	3,103	4,928	44
1942.....	57,000	122.00	6,954	34,200	11,100	10,100	6,478	834	7,330	(4)
1943.....	57,000	178.00	10,146	28,600	15,500	11,900	960	145	9,348	(4)
1944.....	42,000	200.00	8,400	19,800	13,800	7,600	7,690	101	9,847	0
1945.....	30,000	269.00	8,070	9,800	13,500	6,400	1,795	82	10,531	17
1946.....	48,000	374.00	17,952	14,300	27,500	5,900	16,956	274	8,671	325
1947.....	40,000	150.00	6,000	19,400	13,700	6,100	24,731	7,398	8,469	419
1948.....	58,000	145.00	8,410	33,600	13,500	10,000	27,280	2,784	10,198	155
1949 <sup>5</sup> .....	39,000	165.00	6,435	13,700	17,500	7,100	-----	-----	-----	-----

<sup>1</sup> According to the 1940 census there is also some commercial production of olives in Arizona but 99.8 percent of the 1939 production was in California.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): 1932—5,000; 1938—1,500. Price and value apply only to that portion of the crop utilized.

<sup>3</sup> Includes the olives used for California Spanish Green, Greek style, Sicilian style, chopped, minced, brine, and other cures.

<sup>4</sup> Less than 500 pounds.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Imports compiled from reports of Department of Commerce. About 40 gallons of oil are obtained from 1 ton of olives in California. A gallon of olive oil weighs approximately 7.5 pounds.

TABLE 257.—*Peaches: Production, value, and domestic exports, United States, 1929-49*

Year	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Domestic exports, year beginning July <sup>2</sup>					
					Fresh	Dried <sup>3</sup>	Canned	Canned, in fruit salad <sup>4</sup>	Dried, in fruit salad <sup>5</sup>	Total in terms of fresh <sup>6</sup>
	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1929	48,827									
1929	45,358	45,358	1.49	67,598	19,973	3,847	74,470	12,059	7,280	2,741
1930	56,392	52,142	1.00	52,062	12,859	8,482	75,763	12,648	3,049	3,569
1931	77,846	73,306	.60	43,818	10,731	8,490	66,300	12,881	3,268	3,361
1932	44,108	36,399	.60	21,961	3,298	7,649	74,999	10,774	2,963	3,199
1933	46,141	43,974	.80	35,351	3,371	7,569	81,464	16,143	2,511	3,379
1934	44,748									
1934	48,602	46,112	.87	40,084	4,884	6,351	50,419	12,462	2,393	2,518
1935	55,440	55,348	.89	49,144	10,041	6,097	102,957	16,171	3,039	3,847
1936	48,756	48,756	1.00	48,886	16,071	7,045	60,244	15,323	1,887	3,040
1937	60,049	59,944	1.04	62,270	8,154	6,349	56,388	13,041	2,725	2,765
1938	53,922	52,655	.77	40,285	10,436	8,238	96,651	17,259	4,381	4,188
1939	56,577									
1939	64,222	63,197	.82	52,110	8,779	5,159	86,410	18,556	3,279	3,437
1940	57,832	57,025	.79	45,362	7,823	1,604	3,963	1,323	752	571
1941	75,363	73,103	.91	66,594	5,987	6,940	17,962	1,646	636	1,492
1942	66,720	65,705	1.50	98,393	6,044	10,510	12,037	511	443	1,773
1943	42,761	42,469	2.69	114,037	11,106	14,671	29,888	5,266	( <sup>8</sup> )	2,820
1944	68,011									
1944	78,191	75,745	2.35	178,078	10,104	25,773	35,541	1,921	3	4,253
1945	81,548	80,332	2.23	179,532	21,874	4,193	26,922	3,469	810	1,722
1946	86,643	86,267	2.13	183,533	20,475	25,363	51,682	12,166	4,307	5,512
1947	82,270	80,780	1.67	134,889	26,649	2,848	30,834	8,017	56	1,732
1948	65,352	65,214	2.05	133,820	628	5,233	20,527	7,438	91	999
1949 <sup>9</sup>	74,818	69,177	1.54	106,391						

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>2</sup> Compiled from reports of the Department of Commerce.

<sup>3</sup> Net processed weight.

<sup>4</sup> Canned peaches are 40 percent of total canned fruit for salad.

<sup>5</sup> Dried peaches are 21 percent of total dried fruit for salad.

<sup>6</sup> Exports of dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.5 pounds fresh from 1929 to date; conversion ratios of 5½ and 6 pounds prevailed in earlier years. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. 43 pounds of fresh equal 1 bushel.

<sup>7</sup> January to June; not separately reported prior to this time.

<sup>8</sup> Less than 500 pounds.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.

TABLE 258.—*Peaches: Production and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State and division	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Hampshire.....	13	14	22	3.05	3.60	3.00
Massachusetts.....	55	68	75	2.92	3.60	3.00
Rhode Island.....	15	14	15	2.88	3.60	2.90
Connecticut.....	126	139	164	2.84	3.50	2.85
New York.....	1,340	1,114	1,428	2.10	2.50	1.50
New Jersey.....	1,388	1,175	1,948	1.96	2.70	1.75
Pennsylvania.....	1,920	2,182	2,451	2.15	2.80	1.60
North Atlantic.....	4,857	4,706	6,103	2.07	2.51	1.69
Ohio.....	843	780	1,194	2.28	2.50	2.00
Indiana.....	413	559	1,794	2.12	2.40	1.85
Illinois.....	1,524	1,428	2,307	2.06	2.50	1.45
Michigan.....	3,444	3,250	3,500	1.82	1.90	1.20
Missouri.....	671	752	950	2.22	2.50	2.05
Kansas.....	60	160	185	2.22	2.25	1.75
North Central.....	6,954	6,929	8,930	1.97	2.20	1.54
Delaware.....	369	402	468	1.90	2.00	1.70
Maryland.....	531	533	714	2.10	2.50	1.80
Virginia.....	1,490	1,209	1,734	1.96	3.00	1.80
West Virginia.....	497	530	529	1.97	2.15	1.75
North Carolina.....	2,220	1,646	1,428	1.91	2.65	2.70
South Carolina.....	3,671	3,160	2,340	2.04	3.10	3.00
Georgia.....	5,858	2,812	2,040	2.30	3.10	2.95
Florida.....	90	92	66	1.70	2.20	2.10
South Atlantic.....	14,227	10,384	9,319	2.07	2.89	2.49
Kentucky.....	642	462	702	1.88	2.65	2.10
Tennessee.....	939	428	324	1.74	2.65	2.45
Alabama.....	1,441	1,298	792	1.76	2.50	2.70
Mississippi.....	894	840	518	1.89	2.90	2.90
Arkansas.....	2,188	2,482	2,412	1.78	2.10	2.05
Louisiana.....	296	330	265	2.04	2.90	2.80
Oklahoma.....	443	280	679	2.03	2.35	1.75
Texas.....	1,728	1,140	2,400	1.82	2.65	2.00
South Central.....	8,573	7,260	8,092	1.80	2.46	2.17
Idaho.....	296	324	353	1.58	1.85	1.15
Colorado.....	1,868	1,922	2,109	1.96	1.75	1.70
New Mexico.....	179	74	172	1.94	2.60	2.30
Utah.....	736	821	778	1.54	1.85	1.50
Washington.....	2,244	2,210	2,772	1.53	1.92	.79
Oregon.....	601	595	979	1.92	2.70	1.40
California, all.....	28,273	30,127	35,211	1.20	1.58	1.11
Clingstone <sup>5</sup> .....	17,372	20,835	24,085	1.11	1.53	.97
Freestone.....	10,901	9,292	11,126	1.34	1.69	1.36
Western.....	34,197	36,073	42,374	1.30	1.64	1.14
United States.....	<sup>4</sup> 68,947	65,352	74,818	1.59	2.05	1.54

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1948 and 1949, estimates of such quantities were as follows (1,000 bushels): 1948—Idaho, 13; California freestone, 125; 1949—New York, 86; Illinois, 400; Michigan, 250; Colorado, 200; Washington, 500; Oregon, 98; California clingstone, 3,083.

<sup>2</sup> Preliminary.

<sup>3</sup> Prices apply only to that portion of the crop utilized.

<sup>4</sup> Includes excess cullage of harvested fruit as follows (1,000 bushels): Indiana, 35; Illinois, 30; California clingstone, 959.

<sup>5</sup> Mainly for canning.

<sup>6</sup> United States average includes estimated production for Iowa, Nebraska, Arizona, and Nevada from 1938 through 1946. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 259.—*Peaches: Production in specified countries averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>

Continent and country	Average		1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:						
Canada.....	1,023	1,452	2,145	1,681	1,760	2,016
Mexico.....	1,410	1,941	2,069	2,195	2,251	2,296
United States.....	56,478	64,173	86,643	82,270	65,352	74,780
Total.....	58,911	67,566	90,857	86,146	69,363	79,092
Europe:						
Austria.....	140	88	162	60	43	100
Czechoslovakia.....	114	20	134	101	80	138
France.....	2,989	3,887	4,688	5,236	2,990	5,937
Germany:						
Western zone.....	798	430	551	519	326	886
Eastern zone.....	212	61	79	74	47	127
Greece.....	433	444	400	597	511	565
Italy.....	10,988	11,199	1,098	10,704	8,793	10,638
Netherlands.....	51	71	140	114	94	91
Spain.....	2,646	3,110	3,297	1,600	1,690	1,148
Yugoslavia.....	685	1,308	1,541	1,720	954	1,500
Total.....	19,056	20,618	21,090	20,725	15,528	21,150
Asia:						
Lebanon.....	<sup>3</sup> 18	<sup>3</sup> 68	161	138	138	175
Syria.....	( <sup>4</sup> )	( <sup>4</sup> )	56	51	52	73
Turkey.....	400	375	430	315	264	387
Japan.....	2,183	2,292	1,515	1,121	1,470	1,500
Korea.....	229	284	188	139	182	200
Total.....	2,830	3,019	2,350	1,764	2,106	2,335
South America:						
Argentina.....	<sup>5</sup> 2,896	4,824	6,467	6,429	6,500	6,500
Chile.....	<sup>5</sup> 725	1,199	276	253	266	239
Total.....	3,621	6,023	6,743	6,682	6,766	6,739
Africa:						
Union of South Africa.....	440	397	615	385	400	500
Tunisia.....	<sup>5</sup> 46	113	124	138	69	140
Total.....	486	510	739	523	469	640
Oceania:						
Australia.....	2,212	2,255	2,432	2,962	2,216	2,300
New Zealand.....	241	217	211	428	449	292
Total.....	2,453	2,472	2,643	3,390	2,665	2,592
World total.....	87,357	100,208	124,422	119,230	96,897	112,548

<sup>1</sup> Production is from bloom of year shown and includes peaches produced for fresh consumption, drying and processing. Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary. <sup>3</sup> Includes Syria. <sup>4</sup> Included with Lebanon. <sup>5</sup> Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official Statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information. Estimates in original units of approximately one bushel in the following countries: Australia, Canada, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 48 pounds. Estimates of countries having boundary changes have been adjusted to postwar boundaries.

TABLE 260.—*Peaches: Production and utilization, United States, 1940-49 crops*

Crop of	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh <sup>2</sup>	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	57,832	57,025	5,202	51,823	31,047	13,839	6,830	-----	107
1941.....	75,363	73,103	7,659	65,444	43,571	17,290	4,080	-----	503
1942.....	66,720	65,705	5,993	59,712	34,197	18,904	6,409	-----	202
1943.....	42,761	42,469	2,781	39,688	20,077	14,515	4,484	400	212
1944.....	78,191	75,745	6,576	69,169	42,134	18,298	7,298	1,243	196
1945.....	81,548	80,332	6,904	73,428	45,263	19,350	6,267	2,346	202
1946.....	86,643	86,267	6,955	79,312	45,235	25,549	6,805	1,527	196
1947.....	82,270	80,780	6,971	73,809	43,228	25,140	4,642	731	68
1948.....	65,352	65,214	5,740	59,474	33,127	23,706	2,208	400	33
1949 <sup>4</sup> .....	74,818	69,177	6,026	63,151	35,980	22,615	3,888	622	46

<sup>1</sup> Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>2</sup> Includes some quantities canned and/or frozen for some States in some years.

<sup>3</sup> Includes fruit used for jam and jelly, crushed for spirits, etc. For the years 1940-42, quantities frozen also are included. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-39 in Agricultural Statistics, 1946, table 243.

TABLE 261.—*Peaches: Production and utilization, by States, 1948 and 1949 crops*  
CROP OF 1948

State	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh <sup>2</sup>	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	1,114	1,114	85	1,029	1,029	-----	-----	-----	-----
Pennsylvania.....	2,182	2,182	240	1,942	1,892	40	-----	10	-----
Michigan.....	3,250	3,250	150	3,100	2,800	275	-----	25	-----
Virginia.....	1,209	1,209	300	909	909	-----	-----	-----	-----
South Carolina.....	3,160	3,160	200	2,960	2,915	25	-----	20	-----
Georgia.....	2,812	2,812	464	2,348	2,283	20	-----	40	5
Washington.....	2,210	2,210	88	2,122	1,384	633	-----	82	23
Oregon.....	595	595	95	500	427	-----	-----	27	-----
California, all.....	30,127	30,002	137	29,865	4,984	22,565	2,208	108	-----
Clingstone.....	20,835	20,835	54	20,781	250	20,473	58	-----	-----
Freestone.....	9,292	9,167	83	9,084	4,734	2,092	2,150	108	-----
Other States <sup>4</sup> .....	13,693	13,680	3,981	14,699	14,504	102	-----	88	5
United States.....	65,352	65,214	5,740	59,474	33,127	23,706	2,208	400	33

CROP OF 1949 <sup>5</sup>

New York.....	1,428	1,342	85	1,257	1,257	-----	-----	-----	-----
Pennsylvania.....	2,451	2,451	288	2,163	2,089	34	-----	40	-----
Michigan.....	3,500	3,250	155	3,095	2,815	250	-----	30	-----
Virginia.....	1,734	1,734	420	1,314	1,268	18	-----	17	11
South Carolina.....	2,340	2,340	200	2,140	2,117	5	-----	15	3
Georgia.....	2,040	2,040	300	1,740	1,727	3	-----	9	1
Washington.....	2,772	2,272	110	2,162	1,267	744	-----	125	26
Oregon.....	979	881	100	781	664	63	-----	54	-----
California, all.....	35,211	31,169	137	31,032	5,488	21,414	3,888	242	-----
Clingstone.....	24,085	20,043	54	19,989	350	19,560	71	8	-----
Freestone.....	11,126	11,126	83	11,043	5,138	1,854	3,817	234	-----
Other States <sup>4</sup> .....	22,363	21,693	4,231	17,467	17,288	84	-----	90	5
United States.....	74,818	69,177	6,026	63,151	35,980	22,615	3,888	622	46

<sup>1</sup> Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions and/or excess cullage of harvested fruit (1,000 bushels): In 1948, not harvested, Idaho, 13; California freestone, 125; in 1949, not harvested, New York, 86; Illinois, 400; Michigan, 250; Colorado, 200; Washington, 500; Oregon, 98; California clingstone, 3,083; excess cullage, Indiana, 35; Illinois, 30; California clingstone, 959.

<sup>2</sup> Includes some quantities canned and/or frozen for some States in some years.

<sup>3</sup> Includes fruit used for jam and jelly, crushed for spirits, etc.

<sup>4</sup> New Hampshire, Massachusetts, Rhode Island, Connecticut, New Jersey, Ohio, Indiana, Illinois, Missouri, Kansas, Delaware, Maryland, West Virginia, North Carolina, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, New Mexico and Utah.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 262.—*Pears: Production, value, and foreign trade, United States, 1929-49*

Year	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>							Im-ports
					Domestic exports							
					Fresh	Canned	Dried <sup>3</sup>	Dried, in fruit salad <sup>4</sup>	Canned, in fruit salad <sup>5</sup>	Total in terms of fresh fruit <sup>6</sup>		
	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	1,000 pounds	
1929	19,520											
1929	21,726	21,726	1.71	37,070	62,024	54,709	3,655	7,222	10,552	3,194		
1930	27,167	25,875	.84	21,859	134,670	74,355	8,037	2,420	11,067	5,842	* 6	
1931	25,280	24,655	.77	18,917	90,702	71,570	6,079	2,593	11,271	4,706	14	
1932	24,513	21,038	.49	10,263	119,987	60,762	6,257	2,351	9,427	4,988	6	
1933	24,010	21,733	.68	14,856	111,008	78,384	8,408	1,993	14,125	5,528	5	
1934	26,579											
1934	28,095	27,375	.80	21,864	100,635	71,379	5,687	1,899	10,904	4,772	192	
1935	25,943	25,674	.74	19,099	124,144	82,316	7,560	2,412	14,149	5,836	719	
1936	27,326	26,989	.79	21,361	131,318	66,882	7,352	1,498	13,408	5,478	3,291	
1937	29,212	28,151	.76	21,312	134,747	59,125	5,578	2,163	11,411	5,196	2,054	
1938	31,704	28,703	.57	16,387	170,971	77,287	8,716	3,477	15,102	6,922	4,229	
1939	24,981											
1939	29,279	27,983	.74	20,806	93,061	61,917	4,931	2,602	16,236	4,518	11,021	
1940	29,590	28,334	.74	21,017	23,565	2,447	787	597	1,158	708	15,427	
1941	29,129	28,905	1.03	29,909	23,431	16,759	6,407	505	1,440	1,655	6,572	
1942	30,244	29,836	1.55	46,241	10,087	5,701	1,700	352	447	571	4,592	
1943	24,239	24,030	2.36	56,722	6,043	22,795	3,710	( <sup>7</sup> )	4,608	1,187	14,186	
1944	27,788											
1944	31,337	30,881	2.18	67,332	11,782	12,288	5,954	3	1,681	1,226	11,727	
1945	33,042	32,269	2.17	69,883	48,904	11,575	1,226	643	3,035	1,534	14,951	
1946	34,447	34,447	2.44	84,047	107,676	16,805	1,211	3,418	10,646	3,322	8,945	
1947	35,312	34,992	1.95	68,392	70,436	10,045	846	44	7,015	1,916	2,169	
1948	26,334	26,246	2.53	66,428	15,181	6,338	710	72	6,508	698	15,475	
1949 <sup>10</sup>	36,404	33,505	1.22	40,819								

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>2</sup> Compiled from reports of the Department of Commerce.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried pears are 16⅓ percent of total dried fruit for salad.

<sup>5</sup> Canned pears are 35 percent of total canned fruit for salad.

<sup>6</sup> Canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.2 pounds fresh; dried pears converted to terms of fresh on the basis that 1 pound dried equals about 5.5 pounds fresh; 50 pounds fresh equals 1 bushel, except in California, where 48 pounds equals 1 bushel.

<sup>7</sup> January-June 1930; not separately reported prior to this date.

<sup>8</sup> Prior to June 18, 1930; included with peaches, green, ripe or in brine.

<sup>9</sup> Less than 500 pounds.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.



TABLE 263.—*Pears: Production and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State and division	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts.....	50	38	67	2.18	3.30	2.20
Connecticut.....	55	34	57	2.52	3.60	2.50
New York.....	945	384	1,195	1.82	2.75	1.50
Pennsylvania.....	379	255	385	1.52	2.10	1.60
North Atlantic.....	1,428	711	1,704	1.77	2.59	1.59
Ohio.....	322	178	272	1.46	2.25	1.50
Indiana.....	173	142	182	.92	1.25	.90
Illinois.....	388	330	410	.97	1.20	.85
Michigan.....	856	300	1,200	1.61	2.35	1.30
Missouri.....	225	170	195	1.18	1.35	1.05
Kansas.....	93	135	112	1.20	1.05	1.05
North Central.....	2,056	1,255	2,371	1.30	1.64	1.20
Virginia.....	314	252	106	1.18	1.75	1.85
West Virginia.....	91	90	55	1.44	1.95	1.60
North Carolina.....	301	209	130	1.34	2.00	1.90
South Carolina.....	136	108	70	1.14	1.50	1.50
Georgia.....	392	385	187	.91	1.10	1.10
Florida.....	165	214	176	.83	1.00	1.00
South Atlantic.....	1,398	1,258	725	1.07	1.46	1.41
Kentucky.....	168	118	104	1.18	1.80	1.45
Tennessee.....	212	86	51	1.21	1.80	1.80
Alabama.....	317	288	194	1.08	1.50	1.65
Mississippi.....	362	360	195	1.04	1.65	1.80
Arkansas.....	178	236	180	1.30	1.70	1.55
Louisiana.....	200	240	198	1.02	1.25	1.30
Oklahoma.....	159	142	229	1.22	1.25	1.05
Texas.....	393	236	484	1.23	1.90	1.30
South Central.....	1,988	1,706	1,635	1.14	1.59	1.42
Idaho.....	62	61	64	1.74	2.65	2.20
Colorado.....	189	155	204	1.74	2.75	1.70
Utah.....	163	140	170	2.00	2.85	2.00
Washington, all.....	7,227	5,555	7,080	1.67	2.65	1.28
Bartlett.....	5,327	3,780	5,175	1.47	2.81	.89
Other.....	1,900	1,775	1,855	2.24	2.32	2.20
Oregon, all.....	4,531	4,825	4,166	2.34	2.70	2.15
Bartlett.....	1,843	1,861	2,681	2.03	2.66	1.49
Other.....	2,688	2,964	3,485	2.58	2.72	2.65
California, all.....	11,630	10,668	16,335	1.40	2.76	2.76
Bartlett.....	10,059	9,418	14,335	1.42	2.84	2.78
Other.....	1,471	1,250	2,000	1.34	2.16	2.57
Western.....	23,701	21,404	29,969	1.66	2.72	1.18
United States.....	30,832	26,334	36,404	1.57	2.53	1.22

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1948 and 1949, estimates of such quantities were as follows (1,000 bushels): 1948—Illinois, 23; Oregon Bartlett, 25, other, 40; 1949—New York, 84; Illinois, 90; Michigan, 70; Washington Bartlett, 953, other, 95; Oregon Bartlett, 20; California Bartlett, 875, other, 292.

<sup>2</sup> Preliminary.

<sup>3</sup> Prices apply only to that portion of the crop utilized.

<sup>4</sup> Includes excess cullage of harvested fruit as follows (1,000 bushels): Indiana, 40; Oregon Bartlett, 160; other, 220.

<sup>5</sup> Equivalent returns per bushel for bulk fruit at the first delivery point.

<sup>6</sup> United States average includes estimated production for Maine, New Hampshire, Vermont, Rhode Island, New Jersey, Iowa, Nebraska, Delaware, Maryland, New Mexico, Arizona, and Nevada from 1938 through 1946. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 264.—Pears: Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49<sup>1</sup>

Continent and country	Average		1946	1947	1948	1949 <sup>2</sup>
	1935-39	1940-44				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:						
Canada.....	569	733	951	966	789	1,018
Mexico.....	331	508	523	598	629	629
United States.....	28,693	28,908	34,447	35,312	26,334	36,627
Total.....	29,593	30,149	35,921	36,876	27,752	38,274
Europe:						
Austria.....	6,366	4,691	9,714	8,342	6,614	8,157
Belgium.....	2,026	3,172	1,323	6,614	1,323	11,023
Bulgaria.....	631	1,647	2,940	2,000	1,500	2,000
Czechoslovakia.....	4,070	1,619	3,635	3,579	4,123	4,037
Denmark.....	480	776	926	882	961	1,054
France:						
Dessert and cooking.....	1,760	3,051	5,928	6,534	4,630	6,155
Cider.....	21,776	12,453	11,105	11,291	11,303	17,730
Germany:						
Western Zone.....	11,891	12,469	6,830	13,091	6,036	12,033
Eastern Zone.....	3,964	2,794	1,534	2,943	1,355	2,699
Greece.....	878	1,014	1,168	1,221	988	1,675
Hungary.....	742	500	353	1,794	353	882
Italy.....	8,559	9,531	10,642	11,063	9,316	14,891
Luxembourg.....	100	208	277	277	200	300
Netherlands.....	1,570	2,469	2,741	5,983	2,998	5,731
Norway.....	174	137	298	121	297	93
Poland and Danzig.....	2,200	1,900	1,800	2,400	2,000	2,200
Rumania.....	1,103	1,207	1,330	547	441	550
Spain.....	3,057	2,805	2,232	2,000	1,905	1,896
Sweden.....	1,063	771	1,323	794	794	1,102
Switzerland.....	7,037	12,654	14,109	16,755	9,259	9,259
United Kingdom:						
Dessert and cooking.....	782	1,338	1,080	1,734	1,434	1,926
Cider.....	237	349	430	332	99	350
Yugoslavia.....	2,773	4,588	3,263	3,088	2,500	3,000
Total.....	83,539	82,143	84,641	102,385	70,429	108,743
Total, excluding cider.....	61,526	60,341	73,106	90,762	59,027	90,663
Asia:						
Lebanon.....	<sup>3</sup> 24	72	331	265	265	331
Palestine.....	16	10	16	10	10	10
Syria.....	( <sup>4</sup> ) 16	25	66	58	40	40
Turkey.....	3,315	2,776	2,808	1,922	2,608	3,870
Japan.....	7,366	6,607	2,161	2,337	2,910	3,500
Korea.....	775	1,204	1,700	1,850	2,000	900
Total.....	11,496	10,694	7,082	6,442	7,833	8,651
South America:						
Argentina.....	2,443	5,332	4,725	3,300	5,100	3,500
Chile.....	88	58	110	100	105	100
Total.....	2,531	5,390	4,835	3,400	5,205	3,600
Africa:						
Tunisia.....	53	45	71	62	70	70
Union of South Africa.....	832	675	600	800	540	700
Total.....	885	720	671	862	610	770
Oceania:						
Australia.....	2,467	2,714	3,607	3,240	2,950	3,200
New Zealand.....	328	347	287	444	461	367
Total.....	2,795	3,061	3,894	3,684	3,411	3,567
World total.....	130,839	132,157	137,044	153,649	115,240	163,605
World total, excluding cider.....	108,826	119,355	125,509	142,026	103,838	145,525

<sup>1</sup> Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvest in Southern Hemisphere countries of the following year.

<sup>2</sup> Preliminary. <sup>3</sup> Includes Syria. <sup>4</sup> Includes with Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information, and on the basis of postwar boundaries. Estimates in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 56 pounds.

TABLE 265.—*Pears: Production and utilization, United States, 1940-49 crops*

Crop of	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh <sup>2</sup>	Processed		
						Canned	Dried	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940.....	29,590	28,334	3,127	25,207	15,934	8,559	712	2
1941.....	29,129	28,905	3,014	25,891	14,517	10,505	840	29
1942.....	30,244	29,636	3,214	26,622	15,144	10,797	627	54
1943.....	24,239	24,030	1,657	22,373	12,537	8,558	947	331
1944.....	31,337	30,881	2,820	28,061	17,104	9,826	920	211
1945.....	33,042	32,269	2,504	29,765	18,652	9,539	1,239	335
1946.....	34,447	34,447	2,820	31,627	18,849	11,391	1,041	346
1947.....	35,312	34,992	2,718	32,274	17,921	13,493	602	258
1948.....	26,334	26,246	2,485	23,761	11,757	11,534	221	249
1949 <sup>4</sup> .....	36,404	33,505	2,338	31,167	17,966	12,384	509	308

<sup>1</sup> Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.

<sup>2</sup> Includes small quantities canned in minor States.

<sup>3</sup> Mostly fruit crushed for spirits.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-39 in Agricultural Statistics, 1946, table 248.

TABLE 266.—*Pears: Production and utilization, by States, 1948 and 1949 crops*

## CROP OF 1948

State	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh <sup>2</sup>	Processed		
						Canned	Dried	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	384	384	60	324	324	-----	-----	-----
Pennsylvania.....	255	255	105	150	150	-----	-----	-----
Michigan.....	300	300	50	250	180	-----	-----	-----
Washington.....	5,555	5,555	298	5,257	2,744	2,402	-----	111
Oregon.....	4,825	4,760	160	4,600	3,677	826	-----	97
California.....	10,668	10,668	54	10,614	2,209	8,146	221	38
Other States <sup>4</sup> .....	4,347	4,324	1,758	2,566	2,473	90	-----	3
United States.....	26,334	26,246	2,485	23,761	11,757	11,534	221	249

CROP OF 1949 <sup>5</sup>

New York.....	1,195	1,111	100	1,011	1,011	-----	-----	-----
Pennsylvania.....	385	385	135	250	235	15	-----	-----
Michigan.....	1,200	1,130	120	1,010	755	255	-----	-----
Washington.....	7,030	5,982	298	5,684	2,700	2,826	-----	158
Oregon.....	6,166	5,766	190	5,576	4,306	1,120	-----	150
California.....	16,335	15,168	54	15,114	6,442	8,163	509	-----
Other States <sup>4</sup> .....	4,093	3,963	1,441	2,522	2,517	5	-----	-----
United States.....	36,404	33,505	2,338	31,167	17,966	12,384	509	308

<sup>1</sup> Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions and/or excess cullage of harvested fruit (1,000 bushels): In 1948, not harvested, Illinois, 23; Oregon Bartlett, 25; Oregon other, 40; in 1949, not harvested, New York, 84; Illinois, 90; Michigan, 70; Washington Bartlett, 953; Washington other, 95; Oregon Bartlett, 20; California Bartlett, 875; California other, 292; excess cullage, Indiana, 40; Oregon Bartlett, 160; Oregon other, 220.

<sup>2</sup> For some States includes small quantities canned.

<sup>3</sup> Mostly fruit crushed for spirits.

<sup>4</sup> Massachusetts, Connecticut, Ohio, Indiana, Illinois, Missouri, Kansas, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, and Utah.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 267.—*Pears: Production and utilization by varieties, Washington, Oregon, and California, 1948 and 1949 crops*

Variety and State	Production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other <sup>2</sup>
Bartlett:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Washington.....	94,500	94,500	5,950	88,550	28,125	57,850	-----	2,575
Oregon.....	46,520	45,900	3,120	42,780	22,100	20,200	-----	480
California.....	226,000	226,000	1,100	224,900	42,900	175,800	5,300	900
3 States.....	367,020	366,400	10,170	356,230	93,125	253,850	5,300	3,955
Other than Bartlett:								
Washington.....	44,380	44,380	1,500	42,880	40,480	2,200	-----	200
Oregon.....	74,100	73,100	880	72,220	69,820	450	-----	1,950
California.....	30,000	30,000	200	29,800	10,100	19,700	-----	-----
3 States.....	148,480	147,480	2,580	144,900	120,400	22,350	-----	2,150
All varieties: <sup>3</sup>								
Washington.....	138,880	138,880	7,450	131,430	68,605	60,050	-----	2,775
Oregon.....	120,620	119,000	4,000	115,000	91,920	20,650	-----	2,430
California.....	256,000	256,000	1,300	254,700	53,000	195,500	5,300	900
3 States.....	515,500	513,880	12,750	501,130	213,525	276,200	5,300	6,105
Hardy: <sup>4</sup> California.....	12,400	12,400	100	12,300	200	12,100	-----	-----

CROP OF 1949<sup>5</sup>

Bartlett:								
Washington.....	129,375	105,550	5,950	99,600	26,500	69,400	-----	3,700
Oregon.....	67,025	62,525	3,750	58,775	30,025	28,000	-----	750
California.....	344,000	323,000	1,100	321,900	138,000	171,700	12,200	-----
3 States.....	540,400	491,075	10,800	480,275	194,525	269,100	12,200	4,450
Other than Bartlett:								
Washington.....	46,375	44,000	1,500	42,500	41,000	1,250	-----	250
Oregon.....	87,125	81,625	1,000	80,625	77,625	-----	-----	3,000
California.....	48,000	41,000	200	40,800	16,600	24,200	-----	-----
3 States.....	181,500	166,625	2,700	163,925	135,225	25,450	-----	3,250
All varieties: <sup>3</sup>								
Washington.....	175,750	149,550	7,450	142,100	67,500	70,650	-----	3,950
Oregon.....	154,150	144,150	4,750	139,400	17,650	28,000	-----	3,750
California.....	392,000	364,000	1,300	362,700	154,600	195,900	12,200	-----
3 States.....	721,900	657,700	13,500	644,200	329,750	294,550	12,200	7,700
Hardy: <sup>4</sup> California.....	22,500	17,000	100	16,900	700	16,200	-----	-----

<sup>1</sup> Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions and/or excess cullage of harvested fruit (tons): In 1948, not harvested, Oregon Bartlett, 620; other than Bartlett, 1,000; in 1949, not harvested, Washington Bartlett, 23,825; Washington other than Bartlett, 2,375; Oregon Bartlett, 500; California Bartlett, 21,000; California other than Bartlett, 7,000, excess cullage, Oregon Bartlett, 4,000; Oregon other than Bartlett, 5,500.

<sup>2</sup> Mostly fruit crushed for spirits.

<sup>3</sup> These same totals expressed in bushels, appear in table 266.

<sup>4</sup> Included in "Other than Bartlett" and "All varieties" totals.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 268.—*Pears, western: Average auction price per box, all grades, New York, 1940-49*

Season beginning July—	Bartlett	Hardy	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nelis	Weighted average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940.....	2.34	1.78	1.51	2.25	2.05	2.30	2.16	2.24
1941.....	2.83	2.88	2.02	2.54	2.31	2.63	2.19	2.61
1942.....	3.60	3.80	2.36	3.33	3.06	4.13	3.27	3.57
1943.....	5.17	5.03	4.47	5.94	5.48	6.72	4.55	5.45
1944.....	4.56	4.37	3.94	4.88	3.86	4.71	3.94	4.36
1945.....	4.10	3.87	4.62	5.08	4.78	5.29	4.90	4.49
1946.....	4.53	3.97	3.42	4.49	4.06	5.05	4.30	4.60
1947.....	4.52	4.32	3.51	2.96	3.18	3.14	3.26	3.56
1948.....	5.03	3.34	2.91	3.46	3.23	3.94	3.97	4.02
1949.....	3.49	2.88	2.42	3.28	3.71	4.06	2.97	3.62

<sup>1</sup> Includes all varieties of western pears sold on New York auction market.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter, deciduous section. Prices are weighted by number of boxes sold each day. Data for earlier years are available in 1940 Agricultural Statistics, table 325.

TABLE 269.—*Pears: International trade, averages 1935-39 and 1940-44, annual 1948 and 1949*

Classification and countries	Average				1948		1949	
	1935-39		1940-44		Exports	Imports	Exports	Imports
	Exports	Imports	Exports	Imports				
Exporting countries:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
United States.....	2,645	42	313	207	375	32	418	312
Belgium.....	238	176	35	9	143	273	513	115
Czechoslovakia.....	223	15			145		70	
Italy.....	1,164	0	869	0	2,493	0	3,124	0
Netherlands.....	94	147	201	12	712	18	2,608	69
China.....	214	0	74	( <sup>2</sup> )	32			
Argentina.....	650	1	463	0	<sup>3</sup> 507	0	741	0
Chile.....	21	0	11	0	9	0	6	0
Union of South Africa.....	682	0	134	0	462	0	373	0
Australia <sup>4</sup> .....	568	0	3	0	360	0	558	0
New Zealand.....	72	0	( <sup>5</sup> )	0	18	0		0
Total.....	6,571	381	2,103	228	5,156	323	8,411	496
Importing countries:								
Canada.....	( <sup>6</sup> )	394	( <sup>6</sup> )	200	2	0	5	119
Mexico.....	0	8	0	14	0	3	0	3
Panama, Republic of.....	0	9	0	11	0	5	0	8
Cuba.....	0	25	0	24	0	51	0	65
Austria.....	( <sup>6</sup> )	<sup>7</sup> 257	( <sup>6</sup> )	( <sup>8</sup> )		155	( <sup>9</sup> )	351
Denmark.....	( <sup>6</sup> )	15	3	2	1	0	0	27
Finland.....	( <sup>6</sup> )	55		2	0	1		
France.....	42	464	265	19	27	3	199	50
Germany.....	1	828	0	422	0	124	0	2,365
Sweden.....	( <sup>6</sup> )	337	( <sup>6</sup> )	86	0	206	0	161
United Kingdom <sup>2</sup> .....	0	2,582	0	128	0	3,429	0	4,785
Ireland (Erie).....	0	70	0	( <sup>2</sup> )	0	44	0	62
Philippines, Rep. of.....		<sup>11</sup> 11		<sup>7</sup> 10		11		2
Palestine.....	0	25	0	2	0		0	( <sup>9</sup> )
Hong Kong.....	0	121	0	57	0	24	0	7
Kwantung.....	0	76	0	28				
Brazil.....	0	246	0	261	0	568	0	497
Egypt.....	( <sup>6</sup> )	62	0	5	0	2	0	
French Morocco.....	( <sup>6</sup> )	9	( <sup>6</sup> )	1				17
Total.....	43	5,594	268	1,272	30	4,626	204	8,519
Grand total.....	6,614	5,976	2,371	1,500	5,186	4,949	8,615	9,015

<sup>1</sup> Eight months.

<sup>2</sup> Not available.

<sup>3</sup> Nine months.

<sup>4</sup> Crop year.

<sup>5</sup> Less than 500 bushels.

<sup>6</sup> Reported in value only.

<sup>7</sup> Less than 5 years.

<sup>8</sup> Included with Germany.

<sup>9</sup> Re-exports deducted.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. Trade statistics on pears for Norway, Switzerland, and Indochina included with apples.

TABLE 270.—*Pears: Average wholesale price per bushel, New York and Chicago, 1940-49*

Market and season beginning July	New York pears				Market and season beginning July	Michigan pears			
	Bartlett	Clapp Favorite	Keiffer	Seckel		Bartlett	Clapp Favorite	Kieffer	Seckel
New York:	Dol.	Dol.	Dol.	Dol.	Chicago:	Dol.	Dol.	Dol.	Dol.
1940.....	1.35	1.39	.95	1.64	1940.....	1.59	1.32	.60	1.16
1941.....	1.62	1.78	1.32	1.85	1941.....	1.71	1.24	.93	.96
1942.....	2.24	2.17	1.80	2.05	1942.....	2.46	1.93	1.32	1.54
1943.....	5.21	4.92	3.82	4.74	1943.....	4.65	3.99	2.66	3.57
1944.....	3.46	3.28	2.10	3.36	1944.....	3.48	2.86	1.67	2.27
1945.....	3.96	3.86	2.64	4.84	1945.....				
1946.....	2.99	3.12	1.88	4.00	1946.....	3.08	2.78	1.85	2.33
1947.....	2.96	2.57	1.77	3.55	1947.....	3.53	2.91		
1948.....	3.59	3.78	1.84	4.04	1948.....	4.07	4.17		
1949.....	1.90	2.00	1.61	2.87 <sup>2</sup>	1949.....	2.01	1.78		1.54

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on stock of good merchantable quality and condition, U.S. No. 1 when quoted, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 271.—*Pineapples: Production, season average price per box received by farmers, and value, Florida; receipts from territories, and foreign trade, United States, 1929-49*

Cal-endar year	Florida			Receipts from Hawaii			Receipts from Puerto Rico		Imports			Exports <sup>1</sup>		
	Pro-duction	Price	Farm value	Fresh	Canned	Juice	Fresh	Prepared or pre-served	Fresh, in crates	Fresh, in bulk	Prepared or pre-served	Fresh	Canned	Juice
	1,000 boxes <sup>2</sup>	Dol-lars	1,000 dol-lars	1,000 boxes	1,000 pounds	1,000 pounds	1,000 boxes	1,000 pounds	1,000 crates <sup>3</sup>	Num-ber, thou-sands	1,000 pounds	1,000 boxes	1,000 pounds	1,000 gal-lons
1929.....	12	1.70	20	10	439,867		548	2,379	1,452	20	4,101	51	46,153	
1930.....	12	1.75	21	10	423,170		501	4,826	1,719	30	7,386	30	37,790	
1931.....	8	1.25	10	34	484,276		711	2,680	1,157	1,127	7,531	53	24,473	
1932.....	5	1.50	8	71	388,060		576	606	912	112	8,424	28	17,389	
1933.....	9	1.50	12	44	434,884		410	185	634	395	6,549	15	20,424	
1934.....	9	2.25	20	30	540,936	2,035	412	1,326	655	912	8,279	27	20,386	
1935.....	9	1.60	14	53	456,801	103,529	516	2,180	568	1,262	12,944	22	21,982	
1936.....	25	2.50	62	73	571,947	233,029	504	2,379	837	2,338	19,871	27	23,962	
1937.....	15	2.50	38	26	595,792	283,850	518	4,382	1,134	3,322	45,298	31	29,428	
1938.....	12	2.25	27	64	373,536	220,622	518	3,548	1,016	4,394	31,524	26	18,436	
1939.....	10	1.85	18	123	536,327	311,677	441	3,371	1,086	3,938	74,991	29	23,350	765
1940.....	8	2.00	16	97	454,426	351,847	425	3,066	915	4,365	84,996	25	6,609	879
1941.....	12	2.35	28	62	648,526	387,964	462	2,704	822	3,505	55,889	21	1,956	325
1942.....	5	3.25	16	9	328,459	217,991	183	3,980	363	3,944	26,962	8	800	341
1943.....	3	6.00	18	28	248,848	211,980	0	7,980	602	7,543	34,778	5	2,922	42
1944.....	15	7.50	112	71	190,892	103,506	( <sup>4</sup> )	9,236	881	6,378	18,851	4	21,831	66
1945.....	10	8.60	85	21	143,762	163,997	42	14,439	1,108	11,350	24,292	4	15,974	96
1946.....	20	9.50	190	41	378,515	304,804	345	14,372	1,316	15,607	39,329	13	19,137	676
1947.....	4	4.75	19	477	381,221	332,626	207	23,693	923	9,489	54,588	91	21,607	864
1948.....	4.6	5.00	23	7	59,304	51,304	147	23,368	630	19,132	92,095	1	10,927	737
1949 <sup>5</sup> .....	5	4.80	24				333	23,700	599	14,855	94,589	13	11,158	869

<sup>1</sup> Mainly exports directly from Hawaii and Puerto Rico to countries other than the United States mainland.

<sup>2</sup> Boxes measuring approximately 12 by 10½ by 33 inches, inside dimensions, and holding about 70 pounds or 24 to 30 pineapples of medium size.

<sup>3</sup> In 1929 and 1930, crates of 1.96 cubic feet; beginning 1931, crates of 2.45 cubic feet, holding about 70 pounds or 24 to 30 pineapples of medium size.

<sup>4</sup> Not reported separately prior to 1939.

<sup>5</sup> Beginning 1941, converted from gallons at 8.8 pounds per gallon.

<sup>6</sup> Less than 500.

<sup>7</sup> 3 months only.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Data on foreign trade and receipts from noncontiguous territories compiled from reports of Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 325.

TABLE 272.—*Plums:*<sup>1</sup> *Production, value, and utilization, Michigan and California, 1929-49*

Year	Total production	Production having value <sup>2</sup>	Season average price per ton received by farmers	Farm value	Farm disposition		Utilization of quantities sold			
					For farm household use	Sold	Fresh	Processed		
								Canned	Frozen	Crushed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	Tons	Tons
1929.....	44,400	44,400	107.00	4,736	1,120	43,280	-----	-----	-----	-----
1930.....	89,500	89,500	48.30	4,321	1,730	87,770	-----	-----	-----	-----
1931.....	72,100	65,100	40.00	2,602	1,780	63,320	-----	-----	-----	-----
1932.....	74,300	64,300	29.90	1,924	1,580	62,720	-----	-----	-----	-----
1933.....	61,600	54,600	36.80	2,003	1,150	53,350	-----	-----	-----	-----
1934.....	67,500	67,500	43.70	2,951	1,100	66,400	64,250	2,150	-----	-----
1935.....	53,700	53,700	51.70	2,777	1,280	52,420	49,945	2,475	-----	-----
1936.....	67,900	67,900	41.00	2,781	800	67,100	65,610	1,490	-----	-----
1937.....	71,100	71,100	56.60	4,026	1,000	70,100	66,840	3,260	-----	-----
1938.....	65,500	65,500	37.60	2,462	600	64,900	63,790	1,110	-----	-----
1939.....	76,600	69,600	44.90	3,123	820	68,780	67,060	1,720	-----	-----
1940.....	74,000	69,000	51.96	3,584	770	68,230	67,030	1,200	-----	-----
1941.....	76,900	71,900	61.00	4,386	750	71,150	69,030	2,120	-----	-----
1942.....	76,200	70,200	91.80	6,441	720	69,480	68,200	1,280	-----	-----
1943.....	78,500	78,500	169.00	13,254	600	77,900	70,550	1,050	1,100	5,200
1944.....	96,500	94,500	118.00	11,115	840	93,660	85,560	3,300	800	4,000
1945.....	72,600	71,600	138.00	9,884	600	71,000	64,750	2,150	1,000	3,100
1946.....	106,000	106,000	135.00	14,270	840	105,160	96,110	2,830	2,020	4,200
1947.....	78,000	78,000	154.00	12,038	780	77,220	74,060	2,350	95	715
1948.....	70,500	70,500	147.00	10,330	700	69,800	67,905	1,835	45	15
1949 <sup>4</sup> .....	96,100	85,300	102.00	8,702	840	84,460	81,675	2,110	665	10

<sup>1</sup> Includes some quantities of fresh prunes.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.<sup>3</sup> Includes the following quantities used for jam in California (tons): 1944—1,500; 1945—1,000; 1946—500; 1947—500; 1948—600; 1949—300.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 273.—*Plums and prunes (fresh basis): Production and season average price per ton received by farmers, by States, average 1938-47, annual 1947-49*

Crop and State	Production <sup>1</sup>				Price <sup>2</sup> for crop of—			
	Average 1938-47	1947	1948	1949 <sup>2</sup>	Average 1938-47	1947	1948	1949 <sup>2</sup>
Plums:	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
Michigan.....	4,180	4,000	3,500	6,100	85.20	105.00	80.00	57.00
California.....	75,900	74,000	67,000	490,000	101.00	157.00	150.00	105.00
2 States.....	80,080	78,000	70,500	96,100	100.00	154.00	147.00	102.00
Prunes:								
Idaho.....	21,810	37,000	420,800	27,100	68.20	67.20	65.40	40.30
Washington, all.....	25,030	23,100	19,000	25,000	66.30	89.90	58.80	34.90
Eastern Washington.....	16,860	19,100	17,000	15,000	-----	-----	-----	-----
Western Washington.....	8,170	4,000	2,000	10,000	-----	-----	-----	-----
Oregon, all.....	82,160	34,400	448,800	4107,000	52.40	78.40	68.20	41.30
Eastern Oregon.....	15,730	18,900	19,700	18,000	-----	-----	-----	-----
Western Oregon.....	66,430	15,500	429,100	89,000	-----	-----	-----	-----
California <sup>3</sup> .....	503,000	500,000	455,000	380,000	56.00	59.20	60.80	62.40
4 States.....	632,000	594,500	543,600	539,100	55.90	61.90	61.40	57.10

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1947, 1948, and 1949, estimates of such quantities were as follows (tons): 1947—Prunes, Western Oregon, 3,500; 1948—Prunes, Idaho, 700; Eastern Washington, 1,100; Western Oregon, 9,900; California, 15,000; 1949—Plums, Michigan, 800; California, 6,000; Prunes, Idaho, 3,900; Eastern Washington, 5,500; Western Washington, 2,000; Eastern Oregon, 1,500; Western Oregon, 26,800. These quantities are not included in utilization figures.<sup>2</sup> Preliminary.<sup>3</sup> Prices apply only to that portion of the crop utilized.<sup>4</sup> Includes excess cullage of harvested fruit as follows (tons): 1948—Prunes, Idaho, 1,000; Western Oregon, 1,000; 1949—Plums, California, 4,000; Prunes, Eastern Oregon, 1,500.<sup>5</sup> The California prune crop (fresh basis) is derived by multiplying the estimate of dried prunes by 2½.

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TABLE 274.—*Plums and prunes (fresh basis): Production in specified countries, averages 1935-39 and 1940-44, annual 1946-49*<sup>1</sup>

Continent and country	Average		1946	1947	1948	1949
	1935-39	1940-44				
North America:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada.....	6,600	10,320	20,275	19,475	16,775	19,200
Mexico <sup>2</sup> .....	2,751	3,556	5,512	5,500	5,500	5,500
United States:	799,380	640,380	793,600	672,500	614,100	667,800
Plums.....	66,960	80,420	106,000	78,000	70,500	96,200
Prunes <sup>4</sup> .....	732,420	559,960	687,600	594,500	543,600	571,600
Total.....	808,731	654,256	819,387	697,475	636,375	692,500
Europe:						
Austria.....	61,977	31,369	51,438	35,000	50,000	55,000
Belgium.....	13,982	10,980	19,676	27,550	27,550	27,550
Bulgaria.....	90,057	147,241	115,000	130,000	120,000	150,000
Czechoslovakia.....	185,393	59,648	198,468	162,866	199,436	178,855
France.....	54,222	38,529	113,629	141,395	173,061	125,442
Germany:						
Western zone.....	275,400	184,700	138,100	89,700	236,900	136,400
Eastern zone.....	138,100	64,700	48,400	31,000	82,800	46,900
Greece.....	5,314	6,543	5,886	7,659	10,670	13,338
Hungary.....	36,581	18,837	30,093	21,715	20,944	39,683
Italy.....	55,626	68,740	61,709	71,650	68,165	88,456
Luxemburg.....	3,381	6,672	21,252	24,227	17,928	20,000
Netherlands.....	8,513	18,608	21,281	20,849	40,303	41,453
Norway.....	9,785	7,865	12,840	10,220	12,975	4,600
Poland.....	82,000	40,700	30,800	19,900	52,700	30,200
Rumania.....	87,743	248,751	253,529	122,467	115,742	230,000
Spain.....	39,691	45,984	41,647	30,000	31,085	30,864
Sweden.....	11,172	8,032	6,614	13,228	12,125	12,125
Switzerland.....	11,089	20,855	30,864	29,762	29,762	13,228
United Kingdom.....	66,166	132,742	136,528	162,176	173,600	150,080
Yugoslavia.....	598,569	396,398	276,677	316,470	296,446	385,380
Total.....	1,863,761	1,557,892	1,614,431	1,467,834	1,772,192	1,779,554
Asia:						
Lebanon.....	( <sup>5</sup> )	( <sup>5</sup> )	9,900	9,900	9,900	9,900
Palestine.....	550	1,456	2,500	2,500	2,500	2,500
Syria.....	<sup>6</sup> 2,336	<sup>6</sup> 3,904	3,389	3,294	3,916	3,307
Turkey.....	60,540	48,609	60,715	32,332	62,263	69,857
Japan.....	47,813	57,804	40,106	38,580	38,580	51,808
Total.....	111,239	111,773	116,610	86,606	117,159	137,372
South America:						
Argentina.....	<sup>7</sup> 14,435	24,987	26,113	27,897	28,000	30,000
Chile.....	2,829	7,694	12,600	11,023	11,000	11,000
Total.....	17,264	32,681	38,713	38,920	39,000	41,000
Africa:						
Tunisia.....	<sup>7</sup> 440	1,036	1,650	1,650	1,102	1,500
Union of South Africa.....	11,540	8,750	12,000	13,000	10,000	15,000
Total.....	11,980	9,786	13,650	14,650	11,102	16,500
Oceania:						
Australia.....	21,312	20,833	16,722	24,758	20,000	20,000
New Zealand.....	2,036	2,144	1,863	2,919	2,793	2,058
Total.....	23,348	22,977	18,585	27,677	22,793	22,058
World total.....	2,836,323	2,389,365	2,621,376	2,333,162	2,598,621	2,688,984

<sup>1</sup> Production is from bloom of year shown and includes plums and prunes produced for fresh consumption, drying and processing. Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Does not include wild plums which are 85 percent of total production.

<sup>4</sup> Includes California dried prunes converted to a fresh basis at the ratio of 2½ pounds of fresh fruit to 1 pound of dried.

<sup>5</sup> Included with Syria.

<sup>6</sup> Includes Lebanon.

<sup>7</sup> Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries.



TABLE 275.—*Prunes: Utilization and season average price per ton received by farmers, by States, average 1938-47, annual 1947-49*

Use and State	Quantity				Price for crop of—			
	Average 1938-47	1947	1948	1949 <sup>1</sup>	Average 1938-47	1947	1948	1949 <sup>1</sup>
<b>DRY BASIS <sup>2</sup></b>								
Dried: <sup>3</sup>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Washington.....	515	100	50	200	145.00	210.00	126.00	77.00
Oregon.....	8,610	300	1,500	9,200	143.00	125.00	156.00	140.00
California.....	192,600	199,800	175,800	151,800	140.00	148.00	152.00	156.00
3 States.....	201,725	200,200	177,350	161,200	140.00	148.00	152.00	155.00
<b>FRESH BASIS</b>								
Sold fresh: <sup>3</sup>								
Idaho.....	20,090	33,300	18,100	21,100	68.70	69.00	65.70	41.50
Washington.....	12,324	10,830	10,970	9,620	86.60	119.00	68.80	43.50
Oregon.....	17,590	13,000	21,200	20,300	79.20	104.00	85.40	62.30
3 States.....	50,004	57,130	50,270	51,020	76.20	86.50	74.70	50.20
Canned: <sup>3,4</sup>								
Idaho.....	450	2,900	200	1,300	<sup>5</sup> 41.50	46.40	40.00	20.60
Washington.....	7,153	9,570	4,950	4,450	38.40	59.10	38.60	20.90
Oregon.....	21,380	13,700	9,200	20,800	38.50	59.50	39.20	21.00
3 States.....	28,983	26,170	14,350	26,550	38.20	57.90	39.00	21.00
Frozen: <sup>3</sup>								
Washington.....	<sup>5</sup> 781	150	150	400	<sup>5</sup> 50.90	58.80	39.00	22.70
Oregon.....	<sup>5</sup> 5,071	1,100	800	3,300	<sup>5</sup> 49.60	58.20	38.50	20.60
2 States.....	<sup>5</sup> 5,853	1,250	950	3,700	<sup>5</sup> 49.70	58.20	38.90	20.80
Other processed: <sup>3</sup>								
Washington.....	288	200	150	330	28.20	59.00	37.10	19.60
Oregon.....	870	400	-----	200	<sup>5</sup> 22.10	35.00	-----	5.00
2 States.....	1,158	600	150	530	23.20	43.30	37.10	13.20
Farm household use:								
Idaho.....	860	800	800	800	-----	-----	-----	-----
Washington.....	2,030	2,000	1,500	2,000	-----	-----	-----	-----
Oregon.....	2,390	1,800	2,200	3,100	-----	-----	-----	-----
California.....	<sup>6</sup> 200	<sup>6</sup> 200	<sup>6</sup> 200	<sup>6</sup> 200	-----	-----	-----	-----
4 States.....	5,780	5,100	5,000	6,400	-----	-----	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> The drying ratio in Washington and Oregon ranges from 3 to 4 pounds of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 2½ pounds fresh to 1 pound dried.<sup>3</sup> Excludes quantities used on farms where grown.<sup>4</sup> Includes small quantities frozen in some years prior to 1941.<sup>5</sup> Short-time average.<sup>6</sup> Dry basis.

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TABLE 276.—Prunes: Production, and value, 4 States,<sup>1</sup> and foreign trade, United States, 1929-49

Year	Total production (fresh) basis)	Production having value (fresh basis) <sup>2</sup>	Season average price per ton re- ceived by farmers	Farm value	Foreign trade, year beginning July										
					Domestic exports					Imports					
					Fresh prunes and plums	Canned prunes and plums	Dried prunes <sup>3</sup>	Dried, in fruit salad <sup>4</sup>	Total, in terms of fresh <sup>5</sup>	Fresh prunes and plums	Other- wise prepared or pre- served <sup>6</sup>	Dried prunes <sup>3</sup>	Total, in terms of fresh <sup>5</sup>		
					Tons	1,000 pounds	Tons	Tons	Tons	Tons	1,000 pounds	Tons	Tons		
1929	521,500	518,500	48.80	25,292	Tons	2,013	71,494	<sup>6</sup> 286	175,807	Tons	<sup>6</sup> 62	<sup>6</sup> 101	23	163	
1930	854,800	797,900	25.90	20,661	Tons	1,679	148,127	3,122	369,512	Tons	180	498	20	454	
1931	684,700	679,700	20.20	13,697	Tons	1,041	121,968	3,346	306,022	Tons	204	611	18	524	
1932	586,800	558,700	21.50	12,009	Tons	968	91,177	3,033	230,133	Tons	167	512	14	432	
1933	587,200	578,900	31.60	18,281	Tons	855	101,416	2,571	253,937	Tons	180	608	21	504	
1934	587,600	587,100	24.40	14,352	Tons	836	76,358	2,450	192,519	Tons	199	546	12	475	
1935	852,400	842,200	22.80	19,171	Tons	<sup>8</sup> 2,530	912	108,820	3,112	275,867	Tons	196	841	22	626
1936	568,400	567,900	29.40	16,713	Tons	586	81,976	1,932	211,110	Tons	288	<sup>7</sup> 398	23	522	
1937	714,500	709,500	22.80	16,203	Tons	1,293	107,396	2,790	275,206	Tons	454	<sup>8</sup> 240	15	600	
1938	833,600	668,000	17.50	11,716	Tons	1,595	107,016	4,486	280,464	Tons	411	711	12	760	
1939	673,200	651,300	23.90	15,585	Tons	6,823	7,986	59,523	163,097	Tons	759	815	10	1,151	
1940	543,100	514,100	23.00	11,821	Tons	532	19,018	770	53,033	Tons	692	247	4	813	
1941	542,700	552,900	30.50	16,856	Tons	3,670	13,254	101,050	256,551	Tons	328	14	5	346	
1942	542,200	524,700	57.90	30,359	Tons	5,507	1,771	50,320	129,993	Tons	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	
1943	624,800	619,370	75.50	46,738	Tons	1,971	4,106	61,357	153,117	Tons	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	
1944	507,000	503,700	87.00	43,810	Tons	5,182	675	45,597	116,648	Tons	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	
1945	711,300	699,600	83.40	58,334	Tons	9,159	1,827	77,207	200,155	Tons	3	24	( <sup>9</sup> )	14	
1946	687,600	683,400	98.60	67,416	Tons	11,070	7,855	68,870	192,663	Tons	340	704	( <sup>9</sup> )	656	
1947	594,500	591,000	61.90	36,588	Tons	5,152	2,264	106,517	265,915	Tons	419	555	15	706	
1948	543,600	514,900	61.40	31,639	Tons	901	750	96,447	236,638	Tons	858	600	2	1,133	
1949 <sup>10</sup>	539,100	497,900	57.10	28,445	Tons					Tons					

<sup>1</sup> Idaho, Washington, Oregon, and California.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or excess cullage of harvested fruit.<sup>3</sup> Net processed weight.<sup>4</sup> Dried prunes in salad estimated at 43 per cent of total dried fruit for salad.<sup>5</sup> Exports of dried prunes converted to unprocessed dry weight by dividing by 1.025. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2½ pounds fresh. Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound

fresh. Otherwise prepared or preserved converted to terms of fresh fruit on the basis of 1 pound equals 0.899 pound fresh.

<sup>6</sup> January to June, not segregated prior to this time.<sup>7</sup> July to December 1937; 1938 not available.<sup>8</sup> January to June 1939; 1938 not available.<sup>9</sup> Less than ½ ton.<sup>10</sup> Preliminary.<sup>11</sup> Bureau of Agricultural Economics. Foreign trade data compiled from records of Department of Commerce.

TABLE 277.—*Prunes: Utilization, season average price per ton received by farmers, and value, 4 States, 1929-49*

Year	For farm household use (fresh basis)	Fresh <sup>1</sup>			Canned <sup>2,3</sup>			Dried <sup>4,5</sup>			Frozen (fresh basis)	Other processed (fresh basis)
		Quantity (fresh basis)	Price	Farm value	Quantity (fresh basis)	Price	Farm value	Quantity (dry basis)	Price	Farm value		
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1929.....	5,450	67,700	38.60	2,610	14,000	25.80	361	159,700	138.00	22,112	-----	-----
1930.....	5,350	55,200	35.30	1,947	11,200	18.00	202	284,800	64.50	18,360	-----	-----
1931.....	5,200	41,400	34.90	1,445	11,600	11.80	137	242,100	49.60	12,001	-----	-----
1932.....	5,550	45,200	23.30	1,054	8,100	9.50	77	194,100	55.50	10,764	-----	-----
1933.....	5,150	35,800	35.20	1,259	12,700	16.70	212	205,100	81.20	16,650	-----	-----
1934.....	6,250	46,900	32.40	1,519	16,900	17.00	288	200,800	61.60	12,372	-----	100
1935.....	6,250	47,700	38.00	1,812	26,200	13.50	354	297,000	56.70	16,852	-----	100
1936.....	5,700	43,300	39.20	1,698	28,900	17.20	498	184,000	78.00	14,349	-----	100
1937.....	5,600	33,700	44.20	1,488	26,700	22.20	592	255,400	54.60	13,937	-----	100
1938.....	5,700	45,700	30.60	1,398	13,900	9.71	135	238,000	42.20	10,046	-----	200
1939.....	5,700	53,500	25.50	1,364	34,500	8.50	292	213,400	64.70	13,816	-----	300
1940.....	4,900	44,700	31.10	1,390	18,800	23.70	446	177,400	55.50	9,845	-----	300
1941.....	5,700	42,000	41.60	1,747	36,470	25.40	926	184,600	75.70	13,983	-----	400
1942.....	6,200	50,800	67.50	3,429	19,200	36.60	702	176,800	146.00	25,775	-----	1,900
1943.....	6,000	37,200	157.00	5,837	35,370	40.40	1,429	207,700	185.00	38,338	-----	13,000
1944.....	6,100	55,710	107.00	5,986	20,830	56.40	1,175	163,150	218.00	35,570	-----	8,430
1945.....	6,100	63,800	102.00	6,514	26,700	56.40	1,506	233,750	210.00	49,111	-----	10,050
1946.....	6,300	49,500	113.00	5,610	57,890	66.50	3,850	222,250	256.00	56,923	-----	6,210
1947.....	5,100	57,130	86.50	4,939	26,170	57.90	1,516	200,200	148.00	29,629	-----	1,250
1948.....	5,000	50,270	74.70	3,754	14,350	39.00	560	177,350	152.00	26,962	-----	950
1949 <sup>6</sup> .....	6,400	51,020	50.20	2,559	26,550	21.00	557	161,200	155.00	24,984	-----	3,700

<sup>1</sup> Idaho, Washington, and Oregon.<sup>2</sup> Includes small quantities frozen in some years prior to 1941.<sup>3</sup> Washington and Oregon.<sup>4</sup> The drying ratio in Washington and Oregon ranges from 3 to 4 pounds of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 2½ pounds fresh to 1 pound dried.<sup>5</sup> Washington, Oregon, and California.<sup>6</sup> Preliminary.

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TABLE 278.—*Strawberries, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-49*<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Price	Farm value <sup>3</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Crates<sup>4</sup></i>	<i>1,000 crates<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>4</sup></i>	<i>1,000 crates<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	206,890	62.3	12,886	3.12	40,202	1940.....	164,350	75.0	12,319	2.45	29,672
1930.....	178,470	51.2	9,143	3.98	36,421	1941.....	169,020	74.0	12,506	2.48	29,754
1931.....	156,190	73.8	11,527	3.17	36,502	1942.....	155,840	82.6	12,870	3.18	38,630
1932.....	190,990	68.5	13,088	1.93	24,645	1943.....	111,490	57.9	6,459	6.33	40,787
1933.....	197,490	61.7	12,187	1.74	20,719	1944.....	77,350	56.4	4,366	7.93	34,544
1934.....	197,260	53.0	10,460	2.04	21,154	1945.....	77,600	67.0	5,201	8.61	44,682
1935.....	159,000	68.0	10,811	2.33	25,211	1946.....	91,810	76.3	7,004	9.77	68,453
1936.....	155,320	58.0	9,005	2.79	25,140	1947.....	116,360	76.4	8,895	7.55	67,174
1937.....	143,550	75.3	10,809	2.96	32,047	1948.....	122,820	83.2	10,224	8.10	82,781
1938.....	155,310	64.2	9,973	2.72	26,760	1949 <sup>5</sup> .....	127,430	69.6	8,866	7.28	64,283
1939.....	161,100	73.2	11,786	2.44	28,673						

<sup>1</sup> Includes quantities used for processing.<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 305,000 crates in 1932, 280,000 in 1933, 80,000 in 1934, 184,000 in 1938, 28,000 in 1939, 199,000 in 1940, 510,000 in 1941, 740,000 in 1942, 20,000 in 1943, 9,000 in 1944, 10,000 in 1945, and 30,000 in 1949.<sup>3</sup> Value is for the marketing season and should not be confused with calendar-year income.<sup>4</sup> Equivalent 24-quart crates (approximately 36 pounds). <sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics 1942, table 330.

TABLE 279.—*Strawberries, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	4,780	4,200	4,000	346	189	220	7.48	10.60	11.15
Early spring:									
Louisiana.....	18,550	19,000	21,000	4,103	817	567	6.39	10.27	10.54
Alabama.....	2,690	2,200	2,100	211	154	116	4.48	6.25	5.30
Texas.....	1,200	1,400	1,000	68	63	55	6.36	9.00	8.15
California, S. Dist.....	1,430	1,250	1,400	223	312	273	7.57	9.40	7.20
Total or average.....	23,880	23,850	25,500	1,550	1,346	1,011	6.26	9.55	8.91
Midspring:									
Mississippi.....	160			11			3.48		
Georgia.....	80			6			2.57		
South Carolina.....	260	280	360	22	28	22	5.88	8.50	7.35
North Carolina.....	4,110	2,300	2,500	361	196	175	5.54	8.45	7.90
Tennessee.....	9,170	8,500	6,400	4,616	680	320	4.38	6.80	6.00
Arkansas.....	12,710	10,400	12,000	4,780	468	528	4.47	7.30	6.70
Oklahoma.....	820	900	1,500	58	69	128	4.61	6.80	5.85
Kansas.....	1,210	1,700	1,870	53	76	122	4.67	7.75	6.60
Missouri.....	4,530	4,000	4,400	236	220	286	5.35	8.40	7.50
Illinois.....	3,470	3,000	2,700	187	210	135	5.03	7.50	6.90
Kentucky.....	5,770	5,000	4,800	4,350	350	264	5.01	7.50	7.50
Virginia.....	5,770	4,300	4,800	4,346	525	302	4.78	7.30	6.70
Maryland.....	4,600	3,000	2,700	268	150	202	5.14	8.40	6.75
Delaware.....	1,960	1,050	900	105	47	63	5.16	7.90	6.65
California, other.....	2,200	2,900	2,900	362	783	914	6.63	8.60	8.30
Total or average.....	56,840	47,330	47,830	3,760	3,802	3,461	4.92	7.69	7.22
Late spring:									
New Jersey.....	3,290	3,200	3,200	179	240	240	5.70	8.15	7.55
Pennsylvania.....	2,840	1,900	1,900	191	152	133	6.10	8.35	8.20
Ohio.....	3,370	2,000	1,900	286	150	142	5.82	8.80	7.75
Indiana.....	2,160	1,900	2,000	156	238	180	5.28	9.20	8.60
New York.....	3,900	3,500	3,700	323	315	259	6.14	8.50	8.90
Michigan.....	7,590	9,000	11,300	671	900	848	5.14	8.70	7.50
Wisconsin.....	2,040	2,300	2,300	169	184	172	5.16	8.50	7.85
Iowa.....	1,040	840	900	57	30	58	5.34	10.00	8.90
Utah.....	990	800	900	62	48	72	7.52	10.00	8.00
Washington.....	5,430	7,000	8,000	5,400	980	880	4.72	7.20	8.50
Oregon.....	9,890	15,000	14,000	4,849	1,650	4,190	4.56	7.30	5.45
Total or average.....	42,530	47,440	50,100	3,482	4,887	4,174	5.21	7.92	6.71
United States.....	128,020	122,820	127,430	9,138	10,224	8,866	5.35	8.10	7.28

See footnotes on page 229.

TABLE 280.—*Fresh fruits: Carlot rail and boat shipments of specified kinds, United States, 1940-49*<sup>1</sup>

Year	Apples <sup>2</sup>		Citrus fruits				Grapes		Peaches	Pears <sup>2</sup>
	East- ern	West- ern	Oranges <sup>3</sup>	Grape- fruit	Lemons	Mixed citrus	Calif- ornia	Other		
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1940.....	15,212	29,609	105,090	24,823	19,875	10,086	34,252	249	20,308	15,484
1941.....	16,548	30,100	114,074	29,714	24,863	11,431	33,657	135	22,843	14,862
1942.....	20,446	29,324	119,988	32,179	19,096	18,088	30,792	385	22,716	15,130
1943.....	10,155	26,388	110,370	31,700	20,376	22,361	22,312	374	12,465	14,695
1944.....	16,568	38,207	126,035	34,454	18,674	26,473	23,841	409	26,744	17,111
1945.....	5,983	37,705	118,788	35,916	18,170	21,281	28,496	180	36,687	19,834
1946.....	15,114	39,189	104,111	38,254	17,454	23,724	29,858	199	31,811	20,406
1947.....	5,021	41,231	106,250	37,604	16,709	16,221	34,657	354	26,443	19,678
1948.....	3,741	29,952	85,180	30,136	15,399	15,152	30,139	195	16,791	11,183
1949.....	4,241	31,324	64,645	17,118	13,362	12,775	27,412	212	12,853	17,015

  

Year	Apricots	Cherries	Cran- berries	Plums and fresh prunes	Straw- berries	Mixed deciduous fruits	Total fruits
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1940.....	1,124	1,812	1,256	6,998	5,070	1,823	293,071
1941.....	1,112	2,153	1,507	6,783	5,285	1,590	316,657
1942.....	1,408	2,244	1,489	7,225	6,628	1,631	328,769
1943.....	1,249	2,103	1,107	6,185	2,523	1,437	285,800
1944.....	2,446	2,152	643	8,954	1,351	1,606	345,668
1945.....	2,333	2,768	1,165	8,145	2,056	1,837	341,344
1946.....	2,403	2,539	952	8,807	2,383	1,507	338,771
1947.....	2,272	2,270	928	8,781	3,096	1,308	322,823
1948.....	1,675	1,718	1,431	7,384	2,250	1,212	253,538
1949.....	1,535	3,126	1,105	7,229	2,094	1,321	217,367

<sup>1</sup> Figures for all commodities are on a calendar-year basis, except as indicated in footnote 2. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

<sup>2</sup> Season beginning in June of year indicated and ending the following spring.

<sup>3</sup> Includes Satsumas and tangerines.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis.

## FOOTNOTES FOR TABLE 279:

<sup>1</sup> Includes quantities used for processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent 24-quart crates (approximately 36 pounds).

<sup>4</sup> Includes some quantities not marketed.

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TABLE 281.—*Fruits for fresh consumption: Season average price per unit received by growers, selected States, average 1935-39, annual 1945-49*

Crop and State	Unit	Average 1935-39	1945	1946	1947	1948	1949 <sup>1</sup>
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Apricots:							
Utah.....	Ton.....	48.20	100.00	100.00	105.00	60.00	45.00
Washington.....	do.....	53.90	152.00	131.00	121.00	89.50	49.60
California.....	do.....	47.00	156.00	150.00	123.00	97.30	94.80
United States.....	do.....	48.70	149.00	140.00	121.00	89.60	71.40
Cherries, sweet:							
Washington.....	do.....	<sup>2</sup> 134.00	321.00	356.00	419.00	338.00	222.00
California.....	do.....	<sup>2</sup> 108.00	353.00	373.00	319.00	408.00	259.00
Figs, California <sup>3</sup> .....	do.....	52.70	180.00	211.00	168.00	116.00	128.00
Grapefruit:							
Florida, all.....	Box.....	2.83	1.96	1.42	1.01	1.44	2.44
Seedless.....	do.....	2.91	2.03	1.39	1.08	1.58	2.60
Other.....	do.....	2.76	1.84	1.48	.90	1.16	2.18
Texas, all.....	do.....	.75	1.64	1.36	.90	1.01	2.54
Arizona, all.....	do.....	<sup>2</sup> 52	2.18	1.66	1.52	2.32	2.27
California, all.....	do.....	2.87	2.35	2.17	2.19	2.69	3.24
Desert Valley.....	do.....	2.66	1.95	1.54	1.96	2.32	2.95
Other.....	do.....	<sup>2</sup> 1.11	2.59	2.57	2.34	2.83	3.37
California-Arizona Desert Valley.....	do.....	2.56	2.11	1.62	1.89	2.32	2.55
United States.....	do.....	2.67	1.86	1.47	1.08	1.45	2.53
Lemons, California.....	do.....	<sup>2</sup> 2.83	4.25	5.18	5.34	6.90	6.34
Limes, Florida.....	do.....	3.65	4.60	4.95	4.00	4.10	4.40
Oranges:							
Florida:							
Early and midseason.....	do.....	<sup>2</sup> .84	2.66	1.68	1.24	1.31	2.30
Valencias.....	do.....	<sup>2</sup> 1.32	3.12	1.95	1.35	2.78	3.26
All oranges, except tangerines.....	do.....	<sup>2</sup> 1.01	2.87	1.79	1.29	2.00	2.76
Tangerines.....	do.....	<sup>2</sup> 1.00	3.35	2.32	1.71	2.31	2.42
All oranges and tangerines.....	do.....	<sup>2</sup> 1.01	2.92	1.83	1.33	2.03	2.71
Texas, all.....	do.....	1.18	2.62	2.13	1.84	1.65	2.42
Arizona, all.....	do.....	<sup>2</sup> 1.35	4.43	4.06	2.91	4.93	2.75
California, all.....	do.....	<sup>2</sup> 1.49	4.25	2.86	2.97	3.49	3.34
Navel and miscellaneous.....	do.....	<sup>2</sup> 1.28	3.83	3.21	2.73	3.90	3.31
Valencias.....	do.....	<sup>2</sup> 1.66	4.58	2.61	3.17	3.23	3.37
California-Arizona combined, all.....	do.....	<sup>2</sup> 1.49	4.26	2.89	2.97	3.52	3.34
United States, except tangerines.....	do.....	<sup>2</sup> 1.29	3.57	2.40	2.21	2.61	3.06
United States, including tangerines.....	do.....	<sup>2</sup> 1.28	3.56	2.40	2.19	2.59	3.02
Grapes:							
California, all <sup>3</sup> .....	Ton.....	21.10	71.10	109.00	50.90	52.10	39.40
Shipped fresh out of State.....	do.....	21.40	70.20	110.00	50.70	53.00	39.10
Intrastate, used fresh.....	do.....	18.60	77.80	105.00	52.20	46.40	41.00
Peaches:							
California, all.....	Bushel.....	.76	2.73	3.01	2.02	2.19	1.83
Clingstone.....	do.....	.72	2.86	2.62	1.91	2.31	1.48
Freestone.....	do.....	.78	2.72	3.03	2.03	2.18	1.85
United States <sup>4</sup> .....	do.....	1.07	2.55	2.50	1.94	2.40	1.84
Pears:							
Washington <sup>5</sup> .....	do.....	.50	2.23	2.16	1.78	1.84	1.00
Oregon <sup>6</sup> .....	do.....	.54	2.39	2.48	1.35	1.43	1.19
California <sup>6</sup> .....	do.....	.65	2.14	2.31	1.87	2.62	.79
United States <sup>7</sup> .....	do.....	.63	2.14	2.25	1.70	1.86	1.08
Plums:							
Michigan.....	Ton.....	35.80	140.00	95.00	105.00	83.40	58.00
California.....	do.....	48.10	147.00	146.00	161.00	152.00	107.00
United States.....	do.....	47.10	147.00	144.00	159.00	149.00	104.00
Prunes:							
Idaho.....	do.....	35.90	86.20	114.00	69.00	65.70	41.50
Washington.....	do.....	38.40	113.00	128.00	119.00	68.80	43.50
Oregon.....	do.....	33.20	114.00	104.00	104.00	85.40	62.30
United States.....	do.....	35.50	102.00	113.00	86.50	74.70	50.20
Small fruits in New Jersey:							
Blackberries and dewberries.....	Quart.....	.10	.32	.31	.22	.30	.20
Raspberries.....	do.....	.15	.51	.62	.43	.43	.45
Strawberries:							
Louisiana.....	24-quart.....	<sup>8</sup> 3.40	10.58	11.34	9.61	11.62	11.70
Washington.....	do.....	<sup>8</sup> 2.93	7.71	11.98	10.15	7.40	6.25
Oregon.....	do.....	<sup>8</sup> 3.02	7.64	11.11	7.06	8.44	8.10
United States <sup>9</sup> .....	do.....	<sup>8</sup> 2.77	8.96	9.82	7.73	8.37	7.79

<sup>1</sup> Preliminary. <sup>2</sup> 1938-39 average. <sup>3</sup> Bulk fruit at first delivery point.<sup>4</sup> California for fresh consumption; other States all methods of sale.<sup>5</sup> Packing-house-door returns per Northwest box.<sup>6</sup> Bulk fruit at first delivery point per equivalent 48-pound bushel.<sup>7</sup> Packing-house-door returns for fresh consumption in Pacific Coast States and average price per bushel for other States.<sup>8</sup> 1937-39 average.<sup>9</sup> Strawberries for fresh use in Louisiana, Washington, and Oregon, and all strawberries in other States.

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TABLE 282.—*Fruits, canned: United States pack of selected items, 1929-49*

Season	Apples and apple-sauce	Apricots	Berries	Cherries	Grapefruit segments <sup>1</sup>	Olives	Peaches	Pears	Pine-apple <sup>2</sup>	Plums and prunes	Salad and cocktail	Total of these items
	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>	Million cases <sup>3</sup>
1929----	4.0	4.0	2.1	1.9	1.2	0.6	8.3	4.6	9.9	1.2	1.7	39.5
1930----	2.9	2.0	1.6	2.1	2.0	.6	13.1	4.3	9.7	.9	1.7	40.9
1931----	2.7	2.0	2.2	1.6	.7	.4	8.3	3.7	11.0	.9	1.3	34.8
1932----	3.1	1.8	1.0	1.8	1.5	.4	6.3	3.4	8.8	.6	1.4	30.1
1933----	3.2	2.4	1.2	2.2	1.7	.5	10.4	4.6	9.8	1.0	2.3	39.3
1934----	3.8	2.0	1.6	2.0	2.6	.6	8.8	5.7	12.2	1.3	2.6	43.2
1935----	3.5	3.2	1.4	2.6	1.8	.5	11.5	4.5	10.0	1.9	3.0	43.9
1936----	4.1	2.9	1.3	1.7	3.1	1.0	11.0	5.9	13.2	2.0	3.7	49.9
1937----	4.7	5.6	1.5	2.6	2.6	.7	13.6	4.9	14.3	1.9	4.5	56.9
1938----	2.7	1.7	1.2	2.1	3.0	.6	10.2	4.7	9.1	.8	2.8	38.9
1939----	4.9	3.4	1.2	3.5	3.0	.9	12.0	4.6	13.7	2.3	5.3	54.8
1940----	4.1	2.2	1.2	3.3	2.2	1.1	11.3	5.5	11.6	1.3	5.0	48.8
1941----	7.2	4.3	1.7	2.6	3.3	1.2	15.1	6.6	15.7	2.3	5.7	65.3
1942----	8.7	3.2	1.3	3.5	.7	.7	16.2	5.9	8.0	2.1	6.2	56.5
1943----	4.0	1.2	1.0	1.3	.7	1.0	10.9	4.5	6.5	2.8	5.7	39.6
1944----	6.1	7.8	.5	3.5	.3	.9	13.6	4.6	4.9	1.4	6.6	50.2
1945----	2.7	4.3	.4	2.4	1.9	.9	14.8	4.7	4.1	1.9	6.6	44.7
1946----	9.6	10.6	.9	4.3	3.9	1.9	20.3	5.5	9.4	3.6	8.0	78.0
1947----	6.5	3.3	1.0	2.4	2.4	1.0	19.1	5.7	10.2	2.0	10.2	63.8
1948 <sup>4</sup> ----	4.7	4.8	1.9	3.6	3.1	.9	17.4	4.0	-----	.9	10.8	<sup>5</sup> 52.1
1949 <sup>4</sup> ----	9.4	2.4	2.4	4.3	2.6	1.4	19.1	5.8	-----	1.8	7.3	-----

<sup>1</sup> Including shipments from Puerto Rico.<sup>2</sup> Shipments from Hawaii to the United States, plus "prepared or preserved" shipments from Puerto Rico and imports; calendar year basis. Shipments from Hawaii not available after March 31, 1948. <sup>3</sup> In terms of cases of 24 No. 2½ cans. <sup>4</sup> Preliminary. <sup>5</sup> Excluding pineapple.

Bureau of Agricultural Economics. In addition to the canned fruits shown in this table, considerable quantities of the following products also are canned: Cranberries, citrus salad, figs, fruit puree, and orange segments.

TABLE 283.—*Fruit juices, canned: United States packs, and receipts from Puerto Rico and Hawaii, 1929-48*

Mainly season begin- ning No- vember	Citrus juices						Pine- apple juice from Hawaii	Grape juice	Prune juice	Apple juice	Fruit nectars	Total fruit juices
	Grapefruit		Orange	Blended orange and grape- fruit	Lemon	Total citrus <sup>1</sup>						
	United States pack	Re- ceipts from Puerto Rico										
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929	192	-----	38	-----	-----	230	-----	1,106	-----	-----	-----	1,336
1930	462	5	94	-----	-----	561	-----	1,200	-----	-----	-----	1,761
1931	341	1	36	-----	-----	378	-----	1,296	-----	-----	-----	1,674
1932	779	3	99	-----	-----	881	1	1,128	-----	-----	-----	2,010
1933	844	4	303	-----	-----	1,151	-----	961	-----	-----	-----	2,112
1934	3,040	18	945	-----	42	4,045	3,095	1,283	40	( <sup>3</sup> )	50	8,513
1935	2,602	50	1,036	85	141	3,914	7,753	1,604	70	( <sup>3</sup> )	140	13,481
1936	6,616	205	1,410	272	249	8,752	9,418	1,778	150	( <sup>3</sup> )	355	20,453
1937	8,811	104	1,040	547	212	10,714	7,277	1,950	950	( <sup>3</sup> )	1,585	22,476
1938	11,624	47	1,263	717	59	13,710	10,626	2,533	870	( <sup>3</sup> )	705	28,444
1939	10,933	36	3,595	1,433	128	16,125	10,392	3,115	230	435	540	30,837
1940	16,788	31	4,094	2,569	294	23,776	14,364	3,178	290	580	1,800	43,988
1941	12,783	52	4,777	2,342	228	20,182	7,935	2,610	505	2,030	1,695	34,957
1942	23,602	33	2,823	3,702	29	30,189	6,917	2,918	1,740	1,595	725	44,084
1943	26,092	17	8,446	6,283	111	40,949	4,376	1,555	2,320	1,595	290	51,085
1944	22,435	217	16,777	8,075	330	47,834	4,297	1,995	2,465	2,465	870	59,926
1945	26,062	128	22,182	13,461	627	62,460	10,529	2,550	4,060	1,305	290	82,644
1946	17,614	219	19,717	10,459	327	48,336	11,581	3,400	4,612	3,073	1,480	76,541
1947	17,450	206	27,308	12,369	492	57,825	( <sup>5</sup> )	3,500	4,600	1,343	1,500	-----
1948	14,304	163	19,262	10,829	454	45,012	( <sup>5</sup> )	2,800	4,500	1,392	1,600	-----

<sup>1</sup> Excluding citrus concentrates, which amounted to large quantities particularly during World War II. Also excludes tangerine juice, which in the 4 seasons beginning with 1945 amounted to 523,000, 1,180,000, 592,000, and 985,000 cases respectively.<sup>2</sup> Equivalent cases of 24 No. 2 cans. <sup>3</sup> Included with fruit nectars.<sup>4</sup> Includes 1,450,000 cases of berry juices in 1945 and 4,060,000 cases in 1946.<sup>5</sup> Reports from Hawaii not available after Mar. 31, 1948.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Receipts from Puerto Rico and Hawaii from reports of the Department of Commerce.

TABLE 284.—*Fruits, dried: Commercial production in specified foreign countries, averages 1935-39 and 1940-44, annual 1944-49*

Commodity and country	Average		1944	1945	1946	1947	1948 <sup>1</sup>	1949 <sup>1</sup>
	1935-39	1940-44						
<b>Apples, dried:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Australia.....	500	1,500	2,300	2,000	2,000	1,500	1,800	1,200
Canada.....	3,000	5,500	6,700	800	2,200	3,300	1,000	1,000
Union of South Africa.....	100	200	200	100	100	100	100	100
Total.....	3,600	7,200	9,200	2,900	4,300	4,900	2,900	2,300
<b>Apricots, dried:</b>								
Australia.....	1,600	1,900	2,100	900	1,500	1,400	1,100	1,100
Spain.....	200	4,500	9,600	2,600	2,200	3,900	1,500	400
Syria.....	900	700	800	600	600	500	1,000	500
Union of South Africa.....	1,700	800	900	700	100	300	400	300
Total.....	4,400	7,900	13,400	4,800	4,400	6,100	4,000	2,300
<b>Currants (dried grapes):</b>								
Australia.....	21,600	24,500	28,400	19,700	15,700	12,700	19,300	18,800
Greece.....	135,700	78,100	55,000	41,800	62,200	84,500	77,000	99,000
Union of South Africa.....	700	1,000	1,100	1,100	1,200	1,000	1,100	1,000
Total.....	158,000	103,600	84,500	62,600	79,100	98,200	97,400	118,800
<b>Figs, dried:</b>								
Algeria.....	18,500	16,300	9,500	10,400	22,700	48,600	21,600	20,900
Argentina.....	400	900	200	300	1,300	1,000	1,100	600
Greece.....	22,800	21,100	13,200	19,800	21,400	27,800	26,700	24,200
Italy.....	87,200	81,900	70,400	59,200	60,500	66,000	67,500	71,500
Portugal.....	5,700	9,700	8,800	5,500	11,000	12,000	8,500	7,700
Turkey.....	37,000	30,600	35,200	28,600	38,500	37,400	35,200	20,900
Union of South Africa.....	100	200	200	200	200	200	200	200
Total.....	171,700	160,400	137,500	124,000	155,600	193,000	166,800	146,000
<b>Peaches, dried:</b>								
Argentina.....	1,200	2,200	2,500	3,200	4,300	3,500	3,300	3,300
Australia.....	500	500	500	600	500	400	700	500
Chile.....	1,700	1,100	1,000	800	800	900	900	1,000
Union of South Africa.....	700	900	1,300	900	800	900	800	900
Total.....	4,100	4,700	5,300	5,500	6,400	5,700	5,700	5,700
<b>Pears, dried:</b>								
Argentina.....	400	700	1,000	900	2,700	1,900	1,000	200
Australia.....	300	400	500	400	300	400	200	300
Union of South Africa.....	200	800	500	1,000	300	600	500	100
Total.....	900	1,900	2,000	2,300	3,300	2,900	1,700	600
<b>Prunes, dried:</b>								
Argentina.....	1,500	2,800	2,900	4,300	4,800	6,300	5,200	6,000
Australia.....	2,900	3,100	3,600	1,900	3,000	2,200	3,600	2,200
Bulgaria.....	9,400	4,900	2,000	3,000	3,000	1,200	3,000	6,000
Chile.....	1,100	1,500	1,900	1,800	2,600	2,900	3,200	3,100
France.....	4,700	2,100	3,800	1,100	4,100	11,000	8,100	13,400
Rumania.....	12,000	3,000	1,100	7,700	5,000	2,000	2,000	4,000
Union of South Africa.....	1,100	1,100	1,600	1,300	1,600	1,900	1,900	1,500
Yugoslavia.....	30,500	5,100	1,100	11,000	7,200	9,000	12,000	16,000
Total.....	63,200	23,400	18,000	32,100	31,300	36,500	39,000	52,200
<b>Raisins:</b>								
Argentina.....	4,600	6,000	7,100	3,600	4,400	5,000	7,200	6,000
Australia.....	60,300	79,200	88,400	56,500	65,400	50,500	70,100	44,400
Chile.....	1,800	1,900	900	900	1,300	1,000	700	900
Greece.....	32,700	21,400	17,600	9,400	20,900	26,400	25,300	34,100
Iran.....	36,200	34,000	33,000	33,000	35,800	22,000	41,800	22,000
Spain.....	14,500	9,000	10,400	8,600	6,100	11,300	6,900	9,400
Turkey.....	73,800	51,000	49,500	71,500	60,500	33,000	77,000	71,500
Union of South Africa.....	10,000	11,700	12,200	11,500	12,300	9,500	9,400	8,000
Total.....	233,900	214,200	219,100	195,000	206,700	158,700	238,400	196,300

<sup>1</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information.



TABLE 285.—*Dried fruits: Production (dry basis), United States, 1929-49*

Year	Apples	Apri- cots	Berries	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Other grapes	Total
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1929	25,300	22,110	-----	870	17,000	15,500	4,200	159,700	215,000	9,500	469,180
1930	26,300	23,820	-----	1,560	21,000	26,100	4,510	284,800	192,000	3,500	583,500
1931	22,500	37,640	500	1,215	17,000	21,500	4,370	242,100	169,000	6,600	522,425
1932	23,550	35,300	250	2,160	19,000	22,200	5,460	194,100	262,000	3,500	567,520
1933	25,800	37,450	350	2,450	21,500	23,360	6,970	205,100	195,000	3,250	521,230
1934	19,500	16,800	300	3,160	22,900	25,740	4,930	200,800	171,000	2,800	467,930
1935	25,800	25,825	300	3,250	24,000	19,540	6,100	297,000	203,000	1,000	605,815
1936	20,700	32,200	400	3,970	20,000	26,215	8,100	184,000	182,000	1,400	478,985
1937	25,500	34,300	250	3,630	28,700	22,900	3,500	255,400	247,000	1,500	622,680
1938	20,000	21,400	350	3,530	31,500	21,960	6,840	238,000	250,000	2,200	635,780
1939	25,400	41,000	250	2,600	26,000	24,000	8,910	213,400	245,000	2,150	588,710
1940	12,000	10,300	150	6,200	32,000	24,420	3,110	177,400	171,000	1,150	437,730
1941	17,000	19,700	45	5,790	33,500	14,800	3,660	184,600	209,000	1,000	489,095
1942	21,000	20,800	50	7,740	28,200	23,200	2,740	176,800	254,000	2,250	536,780
1943	17,500	6,600	-----	10,770	36,700	16,400	4,150	207,700	401,000	450	701,270
1944	17,000	25,600	-----	13,190	35,200	26,700	4,040	163,150	309,500	-----	594,380
1945	14,500	7,800	-----	6,800	32,600	22,800	5,450	233,750	241,000	1,300	566,000
1946	18,300	17,950	-----	16,720	36,600	25,000	4,580	222,250	193,000	100	534,500
1947	15,000	15,310	-----	10,180	38,000	17,100	2,640	200,200	306,000	275	604,705
1948 <sup>2</sup>	7,700	12,400	-----	16,240	30,300	8,120	970	177,350	231,500	550	485,130
1949 <sup>2</sup>	14,540	14,250	-----	14,100	28,400	14,320	2,220	161,200	262,000	325	511,355

<sup>1</sup> Figures on dried prunes are for harvested quantities only; additional quantities of California prunes, in some years, were not harvested.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Figures on dates, figs, prunes, and raisins compiled from official reports of the Bureau. Data on other fruits from trade sources or from Giannini Foundation of Agricultural Economics, University of California. All figures on a natural condition basis.

TABLE 286.—*Fruits, frozen: Commercial pack, United States, 1940-49*

Commodity	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples and applesauce	4,008	10,000	15,100	27,800	52,400	92,985	78,220	28,573	27,552	52,268
Apricots	175	700	5,300	10,000	42,600	65,158	43,571	6,007	2,477	2,086
Cherries, red, tart	39,963	43,741	41,800	23,000	55,100	16,144	88,061	67,002	87,798	70,989
Cherries, sweet	-----	-----	-----	-----	-----	7,831	357	664	2,965	-----
Grapes	10,011	16,800	8,200	10,200	11,400	10,185	12,445	20,975	5,511	3,119
Peaches	5,377	6,600	13,800	17,000	45,600	103,634	65,140	27,034	13,598	23,235
Prunes and plums	(1)	400	2,900	22,100	18,100	18,368	14,106	2,843	2,125	5,297
Fruit juices	2,297	-----	-----	-----	9,400	-----	-----	-----	-----	-----
Miscellaneous fruits	5,056	6,689	5,400	14,400	12,400	24,338	55,099	9,123	7,204	4,717
Berries:										
Strawberries	62,316	79,537	63,800	29,800	34,800	36,917	78,059	109,036	160,077	107,600
Raspberries	16,481	22,254	20,400	20,000	18,700	16,731	29,421	32,517	27,717	31,837
Blackberries	9,646	9,031	8,200	8,300	16,200	21,503	19,750	14,510	9,745	15,186
Blueberries <sup>2</sup>	2,563	2,187	1,700	2,700	5,000	7,829	10,240	5,407	7,661	14,036
Loganberries	2,467	3,465	2,700	1,300	3,100	2,522	3,017	2,299	4,174	3,386
Elderberries	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Boysenberries	-----	-----	2,100	1,700	4,200	7,084	10,905	12,495	8,832	14,089
Youngberries	11,688	4,364	2,100	1,200	2,500	2,551	1,766	1,161	663	626
Gooseberries	-----	-----	600	1,200	1,600	1,558	1,430	93	44	44
Currants	396	2,035	3,400	2,600	4,800	2,668	4,219	4,089	3,880	2,541
Total	172,444	207,803	197,500	193,300	337,900	430,177	523,281	343,520	369,723	354,021

<sup>1</sup> Included with "Miscellaneous fruits."

<sup>2</sup> Includes 23,006,000 pounds of pineapple and 32,093,000 pounds of miscellaneous fruits.

<sup>3</sup> Includes huckleberries.

Bureau of Agricultural Economics. Data for 1938-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44 from Inter-Agency Supply Estimates Committee, Dept. of Agriculture; 1945-47 from National Association of Frozen Food Packers. Total packs of frozen fruits for years 1925-39 in Agricultural Statistics, 1948, table 278.

TABLE 287.—*Fruits, frozen: Commercial pack, by kinds and areas, United States, 1949*<sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples and applesauce.....	20,480	4,945	12,524	14,320	52,268
Apricots.....				2,086	2,086
Cherries, red, tart.....	<sup>6</sup> 25,103		39,163	6,723	70,989
Cherries, sweet.....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	2,865
Grapes and pulp.....	1,944		1,018	157	3,119
Peaches.....	2,210	2,485	2,022	16,517	23,235
Prunes.....	<sup>8</sup> 388			4,908	5,297
Berries:					
Blackberries.....	152	2,164		<sup>8</sup> 12,870	15,186
Blueberries.....	8,902	412	4,647	75	14,036
Boysenberries.....		2,043		<sup>8</sup> 12,046	14,089
Currants.....	1,561		255	726	2,541
Gooseberries.....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	44
Loganberries.....				3,386	3,386
Raspberries, black.....	1,143		1,007	4,004	6,155
Raspberries, red.....	<sup>6</sup> 942		1,579	23,161	25,682
Strawberries.....	3,364	21,114	5,034	78,088	107,600
Youngberries.....				626	626
Miscellaneous <sup>9</sup> .....	<sup>6</sup> 317		1,065	3,334	4,717
Total of above.....	66,506	33,163	68,314	183,027	354,021
Orange juice, concentrated.....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	<i>1,000 gallons</i> 12,196
Citrus juices and purees, single strength.....	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	795

<sup>1</sup> The figures in this tabulation are for the commercial pack only and do not include quantities of fruit frozen by industrial users or other types of processors, who use all or the largest portion of their frozen pack as raw material for the manufacture of jams, jellies, and other fruit spreads, ice cream, bakery goods, or alcoholic beverages. The tabulation also does not include custom freezing for industrial users nor quantities produced in frozen-food locker plants.

<sup>2</sup> Maine, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>3</sup> Missouri, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Texas, Kentucky, and West Virginia.

<sup>4</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

<sup>5</sup> Montana, Idaho, Colorado, Arizona, Utah, Washington, Oregon, and California.

<sup>6</sup> Includes some packed in the South.

<sup>7</sup> Data by regions not available for publication.

<sup>8</sup> Includes some packed in the Midwest.

<sup>9</sup> Dewberries, elderberries, fruit juices, mixed fruits, nectarines, pineapple, plums, and watermelon.

National Association of Frozen Food Packers; annual report published in April 1950.

TABLE 288.—*Fruits: Total and per capita civilian consumption, United States, 1929-49*<sup>1</sup>

Year	Fruits used fresh								Canned fruits <sup>4</sup>	Canned juices <sup>5</sup>	Dried fruits <sup>6</sup>	Frozen fruits				
	Total fresh fruits		Fresh apples <sup>2</sup>		Fresh citrus fruits		Total other fresh fruits <sup>3</sup> excluding citrus and apples									
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita								
	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>
1929	17,535	143.0	4,837	39.4	4,854	39.6	7,844	64.0	1,502	12.2	40	0.3	646	5.2	71	0.6
1930	16,513	133.4	5,180	41.8	3,848	31.1	7,485	60.5	1,593	12.8	40	.3	668	5.4	65	.5
1931	20,303	162.7	6,409	51.4	5,250	42.0	8,644	69.3	1,349	10.8	53	.4	587	4.7	51	.4
1932	16,123	128.4	4,888	38.9	4,583	36.5	6,652	53.0	1,283	10.2	54	.4	681	5.4	78	.6
1933	16,025	126.9	5,029	39.8	4,941	39.1	6,055	48.0	1,477	11.6	57	.5	658	5.2	64	.5
1934	15,162	119.3	<sup>2</sup> 3,193	<sup>2</sup> 25.1	5,024	39.5	6,945	54.7	1,585	12.4	65	.5	645	5.1	62	.5
1935	17,487	136.6	4,189	32.7	5,679	44.4	7,619	59.5	1,712	13.3	253	2.0	757	5.9	64	.5
1936	16,597	128.8	3,534	27.4	5,915	45.9	7,148	55.5	2,144	16.6	308	2.4	699	5.4	86	.7
1937	18,436	142.2	4,323	33.3	5,730	44.2	8,383	64.7	1,743	13.4	579	4.5	753	5.8	66	.5
1938	17,327	132.6	3,658	28.0	6,372	48.8	7,297	55.8	2,002	15.3	602	4.6	722	5.5	132	1.0
1939	20,013	152.0	4,021	30.5	8,030	61.0	7,962	60.5	2,098	15.9	775	5.9	836	6.3	148	1.1
1940	18,872	142.1	3,918	29.5	7,495	56.4	7,459	56.2	2,516	18.8	955	7.2	846	6.3	169	1.3
1941 <sup>8</sup>	19,689	148.5	4,177	31.5	7,611	57.4	7,901	59.6	2,370	17.8	1,121	8.5	566	4.3	177	1.3
1942 <sup>8</sup>	17,283	130.6	3,693	27.9	7,583	57.3	6,007	45.4	2,292	17.6	1,123	8.5	571	4.4	184	1.4
1943 <sup>8</sup>	15,473	119.4	3,214	24.8	7,769	59.9	4,490	34.7	<sup>0</sup> 1,409	10.9	957	7.4	767	5.9	145	1.1
1944 <sup>8</sup>	18,351	142.0	3,286	25.4	8,771	67.9	6,294	48.7	<sup>0</sup> 1,218	9.4	1,328	10.3	791	6.1	259	2.0
1945 <sup>8</sup>	18,575	143.1	2,970	22.9	8,594	66.2	7,011	54.0	<sup>0</sup> 2,213	16.4	1,412	10.9	797	5.9	298	2.3
1946 <sup>8</sup>	19,271	138.3	3,232	23.2	8,183	58.7	7,856	56.4	<sup>0</sup> 3,029	21.4	2,460	17.7	652	4.6	432	3.1
1947 <sup>8</sup>	20,596	143.5	3,630	25.3	8,871	61.9	8,095	56.4	<sup>0</sup> 2,707	18.7	2,230	15.5	576	4.0	459	3.2
1948 <sup>8</sup>	19,094	130.6	3,776	25.8	7,881	53.9	7,437	50.9	<sup>0</sup> 2,690	18.2	2,612	17.9	611	4.1	435	3.0
1949 <sup>10</sup>	18,575	125.0	3,686	24.8	7,043	47.4	7,846	52.8	<sup>0</sup> 2,990	19.9	2,310	15.5	680	4.5	516	3.5

<sup>1</sup> Fresh fruits, canned juices, and frozen fruits are on a calendar-year basis. Canned and dried fruits are on a pack-year basis. In the years 1941-49 fresh citrus fruits are on a crop-year basis, beginning in November of the preceding year.

<sup>2</sup> Excludes noncommercial apples beginning with 1934.

<sup>3</sup> Apricots, avocados, bananas, cherries (including an estimate for noncommercial), cranberries, figs, grapes, peaches, pears, pineapples, plums and prunes (including an estimate for noncommercial), and strawberries (including an estimate for noncommercial).

<sup>4</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, citrus segments, olives (including brined), pineapple, plums, prunes, peaches, and pears.

<sup>5</sup> Grapefruit, orange, blended citrus, and lemon juices (single-strength juices 1929-49; concentrated juices converted to single-strength basis 1941-49), pineapple, apple, berry, grape, and prune juices and fruit nectars. Excludes frozen juices.

<sup>6</sup> Dried packs of apples, apricots, Zante currants, dates, figs, peaches, pears, prunes, and raisins except for unmerchanted figs and substandard prunes. Data are in terms of processed dried weight.

<sup>7</sup> Principally cherries, apples, peaches, apricots, strawberries, and other berries, and citrus juices.

<sup>8</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age, and for members of the armed forces not eating out of civilian food supplies.

<sup>9</sup> Corresponding data on a calendar-year basis are as follows: 1943—1,657 and 12.8; 1944—1,197 and 9.3; 1945—1,856 and 14.3; 1946—3,042 and 21.8; 1947—2,613 and 18.2; 1948—2,630 and 18.0; 1949—2,696 and 19.4.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 240.

TABLE 289.—*Fruits for processing: Season average price per unit received by growers, selected States, average 1935-39, annual 1945-49*

Crop and State	Unit	Average 1935-39	1945	1946	1947	1948	1949 <sup>1</sup>
<b>Apples for canning:</b>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York	Ton	13.30	( <sup>2</sup> )	78.00	51.60	57.40	37.00
Pennsylvania, Maryland, Virginia	do	12.10	122.00	79.60	65.20	43.90	36.10
Washington, Oregon	do	3.18	61.40	53.60	24.20	20.60	22.40
United States	do	9.65	107.00	76.60	56.50	46.90	35.70
<b>Apples for drying:</b>							
New York	do	7.32	( <sup>3</sup> )	37.00	17.80	24.40	15.40
Virginia	do	4 6.30	( <sup>2</sup> )	33.30	( <sup>2</sup> )	( <sup>2</sup> )	13.80
West Virginia	do	5 7.63	( <sup>2</sup> )	57.10	35.40	( <sup>2</sup> )	14.60
Washington	do	3.22	54.20	29.00	11.30	15.70	7.80
California	do	7.50	62.50	43.80	11.70	18.80	14.60
<b>Apricots for canning:</b>							
Utah	do	25.00	80.00	80.00	65.00	12.00	33.00
Washington	do	30.20	105.00	84.00	69.00	43.00	31.00
California	do	35.20	110.00	97.00	73.00	57.00	52.00
United States	do	34.80	109.00	96.50	72.60	56.50	51.20
<b>Apricots, dried: California</b>	do	209.00	632.00	600.00	480.00	418.00	495.00
<b>Cherries, sweet, for processing:</b>							
Michigan	do	4 96.50	352.00	256.00	206.00	230.00	122.00
Washington	do	5 58.20	246.00	253.00	182.00	247.00	119.00
Oregon	do	6 60.50	243.00	258.00	195.00	261.00	125.00
California	do	109.00	267.00	291.00	236.00	315.00	162.00
<b>Figs for canning:</b>							
California	do	63.20	125.00	129.00	105.00	92.00	80.00
Texas	do	56.80	152.00	174.00	174.00	112.00	106.00
United States	do	62.00	128.00	133.00	109.00	93.10	83.50
<b>Grapetruit:</b>							
Florida	Box	6 .20	1.20	.46	.17	.46	1.70
Texas	do	.23	1.05	.50	.26	.35	1.50
Arizona	do	6 .13	.81	.15	.21	.24	.65
California	do	6 .22	.55	.12	.07	.14	.65
United States	do	6 .18	1.12	.44	.19	.42	1.47
<b>Grapes for processing:</b>							
New York (Concords only)	Ton	7 37.00	130.00	150.00	100.00	100.00	90.00
Pennsylvania (Concords only)	do	40.00	138.00	140.00	102.00	100.00	100.00
Michigan	do	42.00	136.00	139.00	83.00	99.00	84.00
Washington	do	8 32.00	61.80	81.60	65.30	40.70	46.00
California (all varieties):							
Canned	do	21.20	62.00	75.00	57.00	48.50	38.70
Dried	do	55.70	203.00	312.00	132.00	134.00	128.00
For wine and brandy	do	13.90	55.10	90.70	29.80	30.30	26.90
Lemons: California	Box	6 .66	.75	.74	.60	.97	1.26
<b>Oranges (including tangerines):</b>							
Florida	do	6 .19	2.68	.73	.74	1.34	2.14
Texas	do	9 .60	2.05	.85	.61	.63	1.80
Arizona	do	8 1.20	1.43	.94	.82	.78	.87
California	do	6 .25	2.03	.72	.77	1.03	1.56
United States	do	6 .18	2.50	.73	.75	1.24	1.99
<b>Peaches for canning:</b>							
California	Ton	25.50	63.30	63.30	49.00	62.10	39.50
Clingstone	do	25.70	63.50	63.50	49.70	63.30	40.00
Freestone	do	21.40	57.00	59.00	40.00	50.00	34.20
<b>Peaches, dried: California</b>	do	125.00	458.00	333.00	195.00	301.00	268.00
Clingstone	do	107.00	285.00	282.00	156.00	252.00	248.00
Freestone	do	136.00	476.00	334.00	195.00	302.00	268.00
<b>Pears, for canning:</b>							
Bartlett:							
Washington	do	19.80	72.00	77.50	74.00	110.00	29.70
Oregon	do	23.70	80.00	94.00	82.40	88.00	34.40
California	do	23.40	72.00	100.00	73.00	120.00	31.00
Pacific Coast	do	21.60	72.60	91.70	74.00	115.00	31.00
<b>Pears, dried:</b>							
California, all	do	118.00	350.00	365.00	275.00	385.00	252.00
Bartlett	do	118.00	358.00	374.00	275.00	385.00	252.00
Other	do	10 99.00	242.00	267.00			
<b>Plums, for canning: California</b>	do	25.80	55.00	70.00	57.00	60.00	40.00
<b>Strawberries:</b>							
Washington	Pound	.057	.173	.267	.196	.198	.142
Oregon	do	.059	.173	.275	.172	.200	.142
Louisiana	do	.044	.262	.267	.218	.232	.160
United States	do	.057	.194	.271	.187	.203	.143

<sup>1</sup> Preliminary.<sup>2</sup> Quantity negligible.<sup>3</sup> None dried.<sup>4</sup> 1936-39 average.<sup>5</sup> Average for 1936, 1937, and 1939.<sup>6</sup> 1938-39 average.<sup>7</sup> 1937-39 average.<sup>8</sup> 1939 only.<sup>9</sup> Average for 1937 and 1939.<sup>10</sup> 1936 only.

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## Vegetables and Melons

This section includes statistics on potatoes, sweetpotatoes, and commercial truck crops for fresh market and processing.

Commercial truck crops, which are harvested in some sections of the country every month of the year, are for the most part extremely perishable and must be marketed quickly to avoid waste. Production estimates, broken down by harvesting seasons, are made at frequent intervals in order to provide a basis for more orderly marketing. These estimates indicate the quantities of each crop that will be available during each season of the year, and provide a measure of aggregate supplies.

The seasonal groupings of truck crops for fresh market, adopted in 1943, correspond to the four seasons of the year. The name of each group indicates the period when heaviest supplies of each crop are usually available, so that it is relatively easy to interpret the reports in terms of total production of all commercial truck crops for a given period. The groupings used are as follows:

### Seasonal Groupings on Basis of the Most Active Harvesting Period

Winter: January, February, and March.	Summer: July, August, and September.
Spring: April, May, and June.	Fall: October, November, and December.

### Subgroups for Most Crops

Early winter: January and first half of February.	Early summer: July and first half of August.
Late winter: Second half of February and all of March.	Late summer: Second half of August and all of September.
Early spring: April and first half of May.	Early fall: October and first half of November.
Late spring: Second half of May and all of June.	Late fall: Second half of November and all of December.

### Subgroups for Short-Season Crops

Early spring: April.	Early summer: July.
Midspring: May.	Midsummer: August.
Late spring: June.	Late summer: September.

The beginning and the ending of these seasons are not fixed dates but approximations, as there is necessarily some overlapping of the seasons outlined above.

The estimates of commercial truck crops for fresh market include only acreages of specified crops in important areas, which are generally recognized as growing these crops in substantial quantities for shipment to market. They do not include farm gardens or strictly local market areas. The acreages for fresh market are those "for harvest." These include not only acreage harvested but also acreage partly harvested and acreage not harvested at all because of low prices or other economic factors. Acreages lost or abandoned from natural causes are not included.

The estimates of truck crops for commercial processing include acreages grown under contract, acreages grown by processors, and equivalent acreages for tonnage procured through open-market purchases. Such equivalent acreages are not duplicated in the fresh-market estimates. The estimates of truck crops for processing include quantities procured for commercial canning, freezing, and other processing. For some crops the quantities used for processing are a relatively small proportion of the total production, and separate estimates of the processing acreage and production are not prepared. For such crops the processing quantities are included in the fresh-market estimates.

TABLE 290.—*Truck crops, commercial: Acreage, production, and value, United States, 1929-49*

Year	Acreage <sup>1</sup>			Production <sup>4</sup>			Farm value <sup>5</sup>		
	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	1,381,710	1,181,410	2,563,120	6,057,100	3,033,500	9,090,600	242,470	64,599	307,069
1930.....	1,533,230	1,374,740	2,907,970	6,155,100	3,332,000	9,487,100	222,343	70,856	293,199
1931.....	1,571,900	1,117,390	2,689,290	5,945,100	2,380,100	8,325,200	188,632	42,145	230,777
1932.....	1,630,740	779,370	2,410,110	6,003,900	2,043,100	8,047,000	152,035	26,549	178,584
1933.....	1,536,590	894,260	2,430,850	5,333,000	1,982,800	7,315,800	155,521	30,117	185,638
1934.....	1,728,280	1,153,050	2,881,330	6,176,000	2,636,000	8,812,000	175,758	41,467	217,225
1935.....	1,695,850	1,454,350	3,150,200	5,986,300	3,352,300	9,338,600	188,110	55,509	243,619
1936.....	1,793,260	1,364,940	3,158,200	6,203,000	3,323,100	9,526,100	198,875	56,960	255,835
1937.....	1,710,340	1,562,470	3,272,810	6,294,900	3,835,600	10,130,500	212,855	70,388	283,243
1938.....	1,751,880	1,393,840	3,145,720	6,718,400	3,623,300	10,341,700	187,600	64,431	252,031
1939.....	1,769,940	1,153,430	2,923,370	6,723,300	3,410,000	10,133,300	212,971	55,665	268,636
1940.....	1,710,650	1,393,990	3,104,640	6,821,600	3,992,500	10,814,100	222,328	68,377	290,705
1941.....	1,681,750	1,664,370	3,346,120	6,537,300	5,135,900	11,673,200	277,547	98,588	376,135
1942.....	1,649,356	1,996,740	3,646,096	6,993,600	5,860,200	12,853,800	365,753	153,132	518,885
1943.....	1,572,690	1,958,020	3,530,710	6,674,600	5,108,200	11,782,800	555,667	180,443	736,110
1944.....	1,878,630	1,984,290	3,862,920	7,984,600	5,544,800	13,529,400	528,260	198,948	727,208
1945.....	1,892,510	1,943,360	3,835,870	8,346,700	5,388,200	13,734,900	622,849	202,521	825,370
1946.....	2,047,490	2,062,090	4,109,580	9,072,700	6,304,100	15,376,800	577,717	249,489	827,206
1947.....	1,842,760	1,878,760	3,721,520	7,965,300	5,562,700	13,528,000	624,448	212,523	836,971
1948.....	1,802,340	1,697,870	3,500,210	8,461,900	5,471,500	13,933,400	598,254	214,559	812,813
1949 <sup>6</sup> .....	1,786,440	1,727,640	3,514,080	8,186,200	5,522,600	13,708,800	589,757	206,144	795,901

<sup>1</sup> Acreage for fresh market is acreage for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Acreage for processing is acreage harvested.

<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Shallots not included prior to 1937; sweet corn in two States 1929-38, three States 1939-48.

<sup>3</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes. Production of lima beans and green peas are on a shelled basis.

<sup>4</sup> Production for fresh market includes some quantities not marketed because of low prices or other economic factors, and excluded in computing value.

<sup>5</sup> Value for fresh market is for the marketing season and should not be confused with calendar-year income.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 acreage and value in Agricultural Statistics, 1942, table 415.

## TRUCK CROP ACREAGE

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TABLE 291.—Truck crops, commercial: Acreage, by States, average 1938-47, annual 1948 and 1949<sup>1</sup>

State and division	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....				18,760	19,420	22,730	18,760	19,420	22,730
New Hampshire.....				420	480	590	420	480	590
Vermont.....				1,120	1,010	1,130	1,120	1,010	1,130
Massachusetts.....	3,340	2,510	2,460	830	690	860	4,170	3,200	3,320
Connecticut.....				320	320	390	320	320	390
New York.....	124,300	122,000	129,820	107,760	115,110	121,930	232,090	237,110	251,750
New Jersey.....	95,380	92,650	95,300	65,490	58,830	62,120	160,870	151,480	157,420
Pennsylvania.....	35,600	36,250	36,160	59,100	50,640	50,640	94,700	86,890	86,800
North Atlantic.....	258,660	253,410	263,740	253,800	246,500	260,390	512,460	499,910	524,130
Ohio.....	14,950	11,190	11,010	63,540	51,960	46,440	78,490	63,150	57,450
Indiana.....	22,950	20,000	20,500	157,030	133,920	119,290	179,980	153,920	139,790
Illinois.....	25,540	24,050	24,410	100,760	101,370	102,710	126,300	125,420	127,120
Michigan.....	37,500	38,700	38,900	61,850	73,990	79,120	99,350	112,690	118,020
Wisconsin.....	10,570	11,400	11,400	230,710	263,360	271,160	241,280	274,760	282,560
Minnesota.....	6,050	6,520	6,950	107,640	128,220	123,390	113,690	134,740	130,340
Iowa.....	4,420	3,230	3,370	49,470	39,720	32,100	53,890	42,950	35,470
Missouri.....	17,830	11,800	10,700	14,650	8,190	9,990	32,480	19,990	20,090
South Dakota.....				650	300	300	650	300	300
Nebraska.....				3,540	3,080	3,350	3,540	3,080	3,350
Kansas.....	990	690	600	1,030	880	1,000	2,020	1,570	1,600
North Central.....	140,800	127,580	127,840	790,870	804,990	788,250	931,670	932,570	916,090
Delaware.....	8,670	6,790	6,500	32,790	34,540	35,650	41,460	41,330	42,150
Maryland.....	32,490	27,850	26,290	126,460	86,600	89,710	158,950	114,450	116,000
Virginia.....	27,110	18,630	22,230	44,960	29,910	29,810	72,070	48,540	52,040
West Virginia.....				830	300	270	830	300	270
North Carolina.....	47,010	47,900	51,150	8,380	8,300	10,400	55,390	56,200	61,550
South Carolina.....	64,200	51,000	55,820	6,070	5,700	6,680	70,270	56,700	62,500
Georgia.....	81,850	63,120	71,550	19,990	19,000	28,700	101,840	82,120	100,250
Florida.....	179,570	215,430	222,250	12,330	11,650	10,350	191,900	227,080	232,600
South Atlantic.....	440,890	430,720	455,790	251,810	196,000	211,570	692,700	626,720	667,360
Kentucky.....	1,500	800	870	5,410	4,670	4,100	6,910	5,470	4,970
Tennessee.....	9,480	7,500	7,100	16,290	11,060	10,870	25,770	18,560	17,970
Alabama.....	17,400	17,750	18,800	1,800	2,100	3,100	19,200	19,850	21,900
Mississippi.....	24,640	19,350	19,650	7,000	6,500	5,400	31,640	25,850	25,050
Arkansas.....	13,910	15,500	15,600	34,240	28,600	28,960	48,150	44,100	44,560
Louisiana.....	36,800	28,350	27,650	4,210	2,330	2,380	41,010	30,680	30,030
Oklahoma.....	16,630	16,900	18,400	15,170	11,860	15,980	31,800	28,760	34,380
Texas.....	295,950	319,100	304,600	33,130	34,700	35,600	329,080	353,800	340,200
South Central.....	416,330	425,250	412,670	117,250	101,820	106,390	533,580	527,070	519,060
Montana.....				3,680	2,350	1,900	3,680	2,350	1,900
Idaho.....	11,730	9,870	7,900	8,290	17,430	14,100	20,020	27,300	22,000
Wyoming.....				1,100	1,550	1,320	1,100	1,550	1,320
Colorado.....	49,470	44,700	42,320	12,790	12,480	13,110	62,260	57,180	55,430
New Mexico.....	4,250	5,040	5,080	910	460	600	5,160	5,500	5,680
Arizona.....	63,210	86,740	80,750	80	100	650	63,290	86,840	81,400
Utah.....	4,400	2,920	2,460	24,690	21,830	23,770	29,090	24,750	26,230
Nevada.....	460	400	610				460	400	610
Washington.....	18,450	18,810	18,590	57,610	67,760	72,520	76,060	86,570	91,110
Oregon.....	14,510	14,730	13,430	48,080	60,130	70,760	62,590	74,860	84,100
California.....	356,620	382,170	355,260	171,920	164,470	162,310	528,540	546,640	517,570
Western.....	523,090	565,380	526,400	329,150	348,560	361,040	852,240	913,940	887,440
United States.....	1,779,760	1,802,340	1,786,440	1,742,880	1,697,870	1,727,640	3,522,640	3,500,210	3,514,080

<sup>1</sup> Acreage for fresh market is acreage for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Acreage for processing is acreage harvested.<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloupes, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.<sup>3</sup> Preliminary.<sup>4</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

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TABLE 292.—*Truck crops, commercial: Production, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

State and division	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....				49,420	33,350	50,510	49,400	33,300	50,500
New Hampshire.....				1,550	990	1,990	1,600	1,000	2,000
Vermont.....				3,100	2,610	3,230	3,100	2,600	3,200
Massachusetts.....	19,700	10,400	12,100	2,600	1,730	2,780	22,300	12,100	14,900
Connecticut.....				1,180	980	740	1,200	1,000	700
New York.....	749,700	794,900	726,800	376,550	436,180	427,050	1,126,200	1,231,100	1,153,900
New Jersey.....	295,600	320,700	308,100	249,070	201,620	209,630	544,700	522,300	517,700
Pennsylvania.....	159,400	171,300	148,500	194,600	213,330	203,500	354,000	384,600	352,000
North Atlantic.....	1,224,400	1,297,300	1,195,500	878,070	890,790	899,430	2,102,500	2,188,000	2,094,900
Ohio.....	112,500	94,400	84,600	249,580	340,360	224,210	362,100	434,800	308,800
Indiana.....	101,700	104,600	81,700	559,000	653,330	428,030	660,700	757,900	509,700
Illinois.....	101,900	107,500	98,900	240,430	296,160	296,390	342,300	403,700	395,300
Michigan.....	288,800	355,800	260,300	117,900	172,690	165,300	406,700	528,500	425,600
Wisconsin.....	98,100	112,600	115,000	400,670	465,210	635,790	498,800	577,800	750,800
Minnesota.....	54,900	73,500	69,800	231,000	290,550	304,720	285,900	364,000	374,500
Iowa.....	24,400	22,400	22,000	119,760	113,880	84,670	144,200	136,300	106,700
Missouri.....	57,200	37,700	32,600	35,950	18,420	25,590	93,100	56,100	58,200
South Dakota.....				1,380	940	840	1,400	900	800
Nebraska.....				7,000	7,960	8,400	7,000	8,000	8,400
Kansas.....	3,600	3,600	3,300	1,080	900	1,600	4,700	4,600	4,900
North Central.....	843,100	912,100	768,200	1,963,750	2,360,400	2,175,540	2,806,900	3,272,500	2,943,700
Delaware.....	31,400	25,200	27,400	67,790	61,260	72,860	99,200	86,400	100,300
Maryland.....	103,500	93,500	96,900	357,540	233,800	284,500	461,000	327,300	381,400
Virginia.....	80,500	67,200	78,700	121,080	89,470	72,370	201,600	156,700	151,100
West Virginia.....				3,180	1,200	770	3,200	1,200	800
North Carolina.....	117,700	144,100	135,700	15,300	14,760	22,100	133,000	158,900	157,800
South Carolina.....	134,200	117,400	128,700	8,720	6,770	9,510	142,900	124,200	138,200
Georgia.....	232,300	199,800	244,900	22,860	24,660	31,170	255,200	224,500	276,100
Florida.....	634,200	866,000	908,200	24,400	24,820	24,450	658,600	890,800	932,600
South Atlantic.....	1,333,900	1,513,200	1,620,500	620,870	456,740	517,730	1,954,800	1,970,000	2,138,300
Kentucky.....	6,400	3,600	3,800	13,080	15,870	8,340	19,500	19,500	12,200
Tennessee.....	39,800	33,000	33,600	31,340	30,880	23,290	71,100	63,900	56,900
Alabama.....	56,800	47,600	50,000	2,590	4,590	5,140	53,400	52,200	55,100
Mississippi.....	71,400	53,200	44,600	8,450	9,830	9,210	79,800	63,000	53,800
Arkansas.....	33,200	37,100	39,800	62,860	48,710	50,110	96,100	85,800	89,910
Louisiana.....	80,400	60,500	60,900	4,900	1,860	2,430	85,300	62,400	63,330
Oklahoma.....	41,800	43,900	43,700	22,190	14,050	27,320	64,000	57,900	71,000
Texas.....	672,000	794,000	716,900	69,010	72,310	75,080	741,000	866,300	792,000
South Central.....	995,700	1,072,900	993,300	214,420	198,100	200,920	1,210,100	1,271,000	1,194,200
Montana.....				6,240	4,400	4,860	6,200	4,400	4,900
Idaho.....	78,400	70,500	63,400	20,900	45,690	36,710	99,300	116,200	100,100
Wyoming.....				1,950	2,390	2,270	2,000	2,400	2,300
Colorado.....	292,600	309,200	324,900	47,090	51,020	52,420	339,700	360,200	377,300
New Mexico.....	22,900	30,300	36,300	3,720	660	1,100	26,600	31,000	37,400
Arizona.....	336,500	518,800	473,700	310	460	5,840	336,800	519,300	479,500
Utah.....	38,400	35,700	33,000	98,430	107,960	131,250	136,800	143,600	164,300
Nevada.....	5,100	5,000	8,000				5,100	5,000	8,000
Washington.....	121,400	124,300	144,400	102,290	127,390	120,840	223,700	251,700	265,200
Oregon.....	120,400	128,500	152,300	102,790	144,030	170,760	223,200	272,500	323,100
California.....	1,971,000	2,444,100	2,372,700	932,250	1,081,470	1,202,940	2,903,200	3,525,600	3,575,600
Western.....	2,986,600	3,666,400	3,608,700	1,315,970	1,565,470	1,728,990	4,302,500	5,231,900	5,337,700
United States.....	7,383,800	8,461,900	8,186,200	4,993,080	5,471,500	5,522,610	12,376,900	13,933,400	13,708,800

<sup>1</sup> Production for fresh market includes some quantities not marketed, and excluded in computing value.<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloupes, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.<sup>3</sup> Preliminary.<sup>4</sup> Asparagus, lima beans (shelled basis), snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas (shelled basis), pimientos, spinach, and tomatoes.

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TABLE 293.—*Truck crops, commercial: Farm value, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

State and division	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>	Average 1938-47	1948	1949 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,649	1,763	2,489	1,649	1,763	2,489	1,649	1,763	2,489
New Hampshire.....	35	40	88	35	40	88	35	40	88
Vermont.....	73	100	107	73	100	107	73	100	107
Massachusetts.....	117	112	139	117	112	139	1,199	958	1,235
Connecticut.....	40	51	68	40	51	68	40	51	68
New York.....	35,007	41,884	44,158	10,167	16,759	14,616	45,174	58,643	58,774
New Jersey.....	19,951	30,807	23,292	9,529	10,407	11,340	29,480	41,214	34,632
Pennsylvania.....	8,081	9,699	8,193	5,804	7,812	7,073	13,885	17,511	15,266
North Atlantic.....	64,122	83,236	76,739	27,414	37,044	35,920	91,536	120,280	112,659
Ohio.....	6,183	6,169	6,096	4,616	8,663	4,917	10,799	14,832	11,013
Indiana.....	4,045	4,458	3,884	11,201	17,360	9,420	15,246	21,818	13,304
Illinois.....	4,365	6,206	5,423	5,919	10,541	9,214	10,284	16,747	14,637
Michigan.....	14,697	16,880	16,831	4,480	8,430	8,027	19,177	25,310	24,858
Wisconsin.....	2,088	2,530	3,460	14,335	19,600	23,729	16,423	22,130	27,189
Minnesota.....	1,851	2,395	5,066	4,937	9,510	9,081	6,788	11,905	14,147
Iowa.....	1,940	2,978	1,112	2,027	2,911	2,057	2,846	3,889	3,169
Missouri.....	1,819	2,491	1,406	825	750	706	2,765	3,241	2,112
South Dakota.....	22	22	18	22	18	18	22	22	18
Nebraska.....	129	180	193	129	180	193	129	180	193
Kansas.....	234	249	200	52	45	62	286	294	262
North Central.....	36,222	42,356	43,478	48,543	78,012	67,424	84,765	120,368	110,902
Delaware.....	1,024	1,562	1,175	2,517	3,822	3,723	3,541	5,384	4,898
Maryland.....	4,939	8,014	6,342	9,827	9,208	8,756	14,766	17,222	15,098
Virginia.....	3,685	4,711	4,245	3,451	3,714	2,708	7,136	8,425	6,953
West Virginia.....	65	65	65	36	24	24	65	36	24
North Carolina.....	4,935	8,801	7,225	628	1,231	1,431	5,563	10,032	8,656
South Carolina.....	5,750	7,164	6,379	338	271	438	6,068	7,435	6,817
Georgia.....	6,848	9,339	8,279	1,035	1,931	2,333	7,883	11,270	10,612
Florida.....	55,215	77,788	98,507	1,447	1,434	1,587	56,662	79,222	100,094
South Atlantic.....	82,397	117,379	132,152	19,308	21,647	21,000	101,705	139,026	153,152
Kentucky.....	420	260	274	280	605	246	700	865	520
Tennessee.....	1,808	1,816	1,194	961	1,807	1,221	2,769	3,623	2,415
Alabama.....	2,334	3,181	3,011	74	221	354	2,408	3,402	3,365
Mississippi.....	2,594	3,064	2,731	310	772	644	2,904	3,836	3,375
Arkansas.....	1,542	2,547	1,779	2,681	3,437	2,341	4,223	5,984	4,120
Louisiana.....	4,410	5,375	4,539	228	127	168	4,638	5,502	4,707
Oklahoma.....	1,052	1,394	1,080	1,244	1,227	1,534	2,296	2,621	2,614
Texas.....	30,371	49,427	37,010	2,026	2,641	2,703	32,397	52,068	39,713
South Central.....	44,531	67,064	51,618	7,804	10,837	9,211	52,335	77,901	60,829
Montana.....	225	206	169	225	206	169	225	206	169
Idaho.....	2,276	1,605	2,027	715	1,754	1,366	2,991	3,359	3,393
Wyoming.....	72	137	106	72	137	106	72	137	106
Colorado.....	11,848	10,290	16,669	1,309	2,086	2,508	13,157	12,376	19,237
New Mexico.....	1,252	1,836	2,792	89	45	63	1,341	1,881	2,855
Arizona.....	22,833	49,248	42,474	15	25	171	22,848	40,273	42,645
Utah.....	1,651	1,709	1,922	2,900	3,204	3,984	4,551	4,913	5,906
Nevada.....	254	230	530	254	230	530	254	230	530
Washington.....	5,914	7,928	8,092	5,861	9,052	9,648	11,775	16,980	17,740
Oregon.....	5,441	5,598	9,451	5,928	10,703	12,560	11,369	16,301	22,011
California.....	138,774	209,775	201,813	28,229	39,807	41,954	167,003	249,582	243,767
Western.....	190,241	288,219	285,770	45,343	67,019	72,589	235,584	355,238	358,359
United States.....	417,514	598,254	589,757	148,412	214,559	206,144	565,926	812,813	795,901

<sup>1</sup> Value for fresh market is for the marketing season and should not be confused with calendar-year income.<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.<sup>3</sup> Preliminary.<sup>4</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumber (pickles), green peas, pimientos, spinach, and tomatoes.

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TABLE 294.—*Artichokes, globe, commercial crop: Acreage, yield, production, season average price per box received by farmers, and value, California, 1929-49*

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value <sup>1</sup>	Year	Acreage for harvest	Yield per acre	Production	Price	Farm value <sup>1</sup>
	<i>Acres</i>	<i>Boxes <sup>2</sup></i>	<i>1,000 boxes <sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Boxes <sup>2</sup></i>	<i>1,000 boxes <sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	8,900	111	988	2.36	2,332	1940-----	10,600	80	848	1.70	1,442
1930-----	8,150	124	1,011	2.10	2,123	1941-----	10,000	70	700	2.10	1,470
1931-----	7,500	109	818	1.70	1,391	1942-----	9,600	90	864	1.80	1,555
1932-----	6,330	90	570	2.10	1,197	1943-----	8,700	95	826	2.80	2,313
1933-----	6,350	117	743	1.24	921	1944-----	6,600	115	759	3.30	2,505
1934-----	8,350	127	1,060	1.00	1,060	1945-----	6,500	105	682	3.35	2,285
1935-----	9,000	113	1,017	1.70	1,729	1946-----	7,000	100	700	3.75	2,625
1936-----	9,100	95	864	2.00	1,728	1947-----	7,250	105	761	3.00	2,283
1937-----	10,100	80	808	1.60	1,293	1948-----	7,300	110	803	3.50	2,810
1938-----	9,700	90	873	2.15	1,877	1949 <sup>3</sup> -----	7,700	85	654	4.05	2,649
1939-----	10,200	110	1,122	1.80	2,020						

<sup>1</sup> Value is for the marketing season and should not be confused with calendar-year income.<sup>2</sup> Equivalent boxes (approximately 40 pounds).<sup>3</sup> Preliminary.Bureau of Agricultural Economics. Data for 1925-28 in *Agricultural Statistics*, 1942, table 333.TABLE 295.—*Asparagus, commercial crop: Acreage, yield, production, season average price per crate and per ton received by farmers, and value, United States, 1929-49*

Year	For fresh market <sup>1</sup>					For processing <sup>2</sup>				
	Acreage for harvest	Yield per acre	Production	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Crates <sup>3</sup></i>	<i>1,000 crates <sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	50,320	64	3,221	2.81	9,067	42,540	1.57	66,790	82.00	5,477
1930-----	55,750	72	4,001	2.67	10,674	41,990	1.59	66,760	81.00	5,408
1931-----	65,710	67	4,378	2.18	9,533	37,400	1.17	43,760	75.00	3,282
1932-----	79,430	63	5,036	1.56	7,860	32,100	1.10	35,310	51.00	1,801
1933-----	69,640	67	4,634	1.38	6,382	48,790	1.11	54,160	46.00	2,491
1934-----	73,540	72	5,279	1.37	7,236	42,410	1.18	50,040	67.00	3,353
1935-----	64,550	70	4,489	1.56	6,994	48,500	1.17	56,740	76.00	4,312
1936-----	68,060	78	5,299	1.65	8,757	42,220	1.40	59,110	79.00	4,670
1937-----	67,170	78	5,242	1.78	9,333	43,750	1.17	51,190	90.95	4,656
1938-----	68,330	74	5,067	1.77	8,970	47,510	.94	44,660	71.10	3,175
1939-----	60,010	73	4,391	1.70	7,449	64,990	1.03	66,990	76.80	5,145
1940-----	67,080	77	5,190	1.87	9,696	65,970	1.17	77,110	89.34	6,889
1941-----	70,670	75	5,267	2.10	11,066	63,260	1.14	72,330	100.73	7,286
1942-----	58,880	80	4,721	2.29	10,808	77,150	1.22	94,070	115.57	10,872
1943-----	61,110	80	4,908	3.29	16,167	72,540	1.21	87,630	144.32	12,632
1944-----	53,900	83	4,479	3.45	15,440	78,470	1.29	101,380	149.30	15,136
1945-----	43,680	83	3,645	4.19	15,287	83,330	1.23	102,340	163.19	16,701
1946-----	41,940	98	4,092	3.86	15,789	82,040	1.46	119,970	179.27	21,507
1947-----	47,190	92	4,350	3.76	16,298	74,610	1.34	100,100	134.70	13,483
1948-----	46,240	86	3,975	3.54	14,056	77,060	1.18	91,240	162.34	14,812
1949 <sup>4</sup> -----	40,160	91	3,651	3.65	13,327	88,380	1.28	112,750	177.04	19,961

<sup>1</sup> Includes quantities used for processing in States other than California from 1929 to 1938.<sup>2</sup> California only from 1929 to 1938. Additional States included, beginning with 1939, so that the total is now 19 States.<sup>3</sup> Equivalent crates (approximately 30 pounds).<sup>4</sup> Preliminary.Bureau of Agricultural Economics. Data for 1918-28 in *Agricultural Statistics*, 1942, table 334; production of fresh market crop in 24-pound crates.

TABLE 296.—*Asparagus, commercial crop: Acreage, production, and season average price per crate and per ton received by farmers, by States, average 1939-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1939-47	1948	1949 <sup>1</sup>	Average 1939-47	1948	1949 <sup>1</sup>	Average 1939-47	1948	1949 <sup>1</sup>
For fresh market:									
Early spring:									
California.....	<i>Acres</i> 25,440	<i>Acres</i> 22,750	<i>Acres</i> 19,280	<i>1,000 crates <sup>2</sup></i> 1,944	<i>1,000 crates <sup>2</sup></i> 1,638	<i>1,000 crates <sup>2</sup></i> 1,542	<i>Dollars</i> 2.99	<i>Dollars</i> 3.25 <sup>3</sup>	<i>Dollars</i> 3.75
Arizona.....	120			7			3.37		
Oregon.....	550	400	300	49	34	33	2.72	3.60	3.15
Washington.....	3,220	2,000	1,700	470	320	260	2.18	2.50	2.70
Georgia.....	940			18			2.64		
South Carolina.....	6,180	1,000	520	195	30	18	3.00	3.00	3.65
Total or average....	36,460	26,150	21,800	2,683	2,022	1,853	2.86	3.13	3.59
Late spring:									
Maryland.....	1,590	1,150	1,050	152	115	126	2.79	3.75	3.45
Delaware.....	630	800	650	55	68	65	2.56	3.75	3.35
New Jersey.....	10,080	11,500	10,000	1,116	1,254	1,100	2.93	3.70	3.50
Pennsylvania.....	2,180	1,930	1,900	184	154	152	3.62	4.45	4.15
Massachusetts.....	1,790	1,650	1,600	117	96	112	3.94	5.05	4.95
Michigan.....	950	800	800	84	72	68	3.13	4.55	4.70
Illinois.....	2,210	2,100	2,200	160	185	165	2.77	4.65	3.85
Iowa.....	160	160	160	10	9	10	2.76	4.00	3.00
Total or average....	19,590	20,090	18,360	1,878	1,953	1,798	3.04	3.95	3.71
United States.....	56,050	46,240	40,160	4,560	3,975	3,651	2.94	3.54	3.65
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New Jersey.....	10,690	13,000	15,500	18,080	16,250	19,380	121.10	168.00	201.00
Illinois.....	5,490	6,600	6,000	6,760	9,200	8,400	136.70	144.50	165.00
Michigan.....	3,090	4,600	4,700	4,130	6,210	6,820	130.00	135.00	140.00
Iowa.....	670	660	600	670	920	900	115.60	137.00	138.00
Delaware.....	960	1,000	950	1,250	1,300	1,090	111.70	175.00	213.00
Maryland.....	570	650	650	810	980	650	122.20	172.00	205.00
Washington.....	5,200	7,500	8,300	7,710	12,000	15,770	125.40	160.00	162.00
Oregon.....	190	200	300	260	200	450	123.30	175.00	165.00
California.....	45,540	41,780	49,870	50,620	43,030	57,850	131.30	169.00	179.70
Other States <sup>3</sup> .....	1,200	1,070	1,510	1,020	1,150	1,440	122.60	143.48	146.53
Total or average....	73,600	77,060	88,380	91,310	91,240	112,750	128.14	162.34	177.04
Grand total.....	128,270	123,300	128,540	<i>Tons</i> 155,800	<i>Tons</i> 150,900	<i>Tons</i> 167,500	<sup>4</sup> 153.91	<sup>4</sup> 191.30	<sup>4</sup> 198.73

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent crates (approximately 30 pounds).

<sup>3</sup> Arkansas, Indiana, Minnesota, Missouri, New York, Ohio, Pennsylvania, South Carolina, Utah, and Wisconsin.

<sup>4</sup> Derived price per ton.

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TABLE 297.—*Beans, green lima, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
For fresh market:									
Winter: Florida.....	2,170	1,500	950	<sup>3</sup> 129	<sup>3</sup> 128	109	3.49	3.00	3.85
Spring:									
Florida.....	3,220	2,350	2,100	<sup>3</sup> 240	<sup>3</sup> 223	200	2.36	2.55	2.40
Georgia.....	2,020	1,200	1,250	112	66	80	1.84	3.20	2.40
South Carolina.....	2,930	1,200	1,100	141	78	66	2.02	2.50	2.50
Total or average..	8,180	4,750	4,450	494	367	346	2.14	2.66	2.42
Summer:									
North Carolina.....	940	300	300	47	24	22	2.43	2.00	2.45
Virginia.....	130			6			1.44		
Maryland.....	1,370	1,100	1,100	101	82	99	1.96	3.55	2.10
New Jersey.....	3,100	2,600	2,900	241	208	218	2.16	2.95	2.15
New York.....	3,510	3,500	3,500	352	490	<sup>3</sup> 350	2.19	2.75	2.10
Total or average..	9,050	7,500	7,800	746	804	689	2.12	2.86	2.13
Fall:									
Virginia.....	700	600	550	41	57	47	2.00	2.10	1.40
United States.....	20,090	14,350	13,750	1,411	1,356	1,191	2.23	2.79	2.35
For processing:				<i>Tons <sup>4</sup></i>	<i>Tons <sup>4</sup></i>	<i>Tons <sup>4</sup></i>			
New York.....	810	1,400	2,000	420	860	1,270	90.00	162.20	174.00
New Jersey.....	12,950	11,900	13,100	7,050	7,320	8,650	118.70	164.40	164.40
Pennsylvania.....	1,920	4,000	4,000	950	2,640	3,340	104.20	163.90	147.70
Ohio.....	1,070	800	950	420	360	430	72.40	107.60	97.30
Michigan.....	2,480	2,790	4,000	1,200	1,030	3,800	82.40	124.70	125.80
Wisconsin.....	2,700	4,900	7,700	1,670	2,920	6,890	86.30	141.40	139.50
Delaware.....	11,840	16,200	18,000	7,030	10,770	11,700	83.00	136.00	139.80
Maryland.....	3,270	3,800	5,000	1,740	2,530	3,600	81.50	117.50	143.60
Virginia.....	4,740	3,400	4,360	2,480	2,570	2,990	77.80	101.70	116.00
Utah.....	890			600			90.90		
Washington.....	450	1,230	2,400	310	950	2,270	91.30	165.00	167.70
California.....	4,790	22,080	21,250	4,640	28,160	25,390	136.70	188.60	151.10
Other States <sup>5</sup> .....	12,440	12,300	18,840	6,750	8,800	14,470	84.20	145.79	140.08
Total or average..	60,350	84,800	101,600	35,260	68,900	84,800	97.30	161.49	145.77
Grand total.....	80,440	99,150	115,350	<i>Tons <sup>4</sup></i> 46,600	<i>Tons <sup>4</sup></i> 79,750	<i>Tons <sup>4</sup></i> 94,350	<sup>6</sup> 143.36	<sup>6</sup> 186.90	<sup>6</sup> 160.82

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 32 pounds, in the shell.<sup>3</sup> Includes some quantities not marketed.<sup>4</sup> Shelled basis: 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.<sup>5</sup> Arkansas, Colorado, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Minnesota, Mississippi, North Carolina, Oklahoma, Oregon, and Tennessee.<sup>6</sup> Derived price per ton on shelled basis.

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TABLE 298.—*Beans, green lima, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-49*

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Acreage harvested	Yield per acre	Production	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds<sup>4</sup></i>	<i>Tons<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	6,650	77	510	1.79	913	24,570	1,018	12,610	85.29	1,067
1930.....	13,300	62	818	1.61	1,318	30,980	838	12,980	86.59	1,124
1931.....	13,880	69	951	1.59	1,516	28,760	1,065	15,310	77.14	1,181
1932.....	15,320	73	1,115	1.07	1,195	17,880	1,084	9,690	55.83	541
1933.....	14,950	51	756	1.07	807	16,430	1,079	8,860	56.66	502
1934.....	15,900	54	864	1.26	1,089	24,550	1,422	17,450	53.57	1,022
1935.....	14,000	65	910	1.42	1,291	27,460	1,141	15,660	61.88	966
1936.....	15,800	75	1,178	1.26	1,486	32,740	1,230	20,140	61.02	1,229
1937.....	17,950	56	998	1.92	1,921	43,400	1,070	23,220	66.06	1,534
1938.....	21,450	58	1,246	1.33	1,660	52,970	1,085	28,760	64.88	1,864
1939.....	23,100	70	1,627	1.30	2,110	49,440	1,205	29,790	64.22	1,913
1940.....	22,300	64	1,426	1.38	1,969	46,520	1,124	26,140	70.35	1,859
1941.....	25,050	61	1,531	1.51	2,312	62,650	1,216	38,090	71.25	2,714
1942.....	22,380	70	1,574	1.82	2,863	66,080	1,145	37,830	84.59	3,200
1943.....	19,150	63	1,206	2.69	3,240	60,810	900	27,360	104.93	2,871
1944.....	17,380	65	1,137	3.03	3,441	58,410	1,034	30,200	124.11	3,748
1945.....	16,750	83	1,391	3.65	5,027	57,800	1,153	33,330	118.93	3,964
1946.....	17,300	90	1,549	3.21	4,697	67,280	1,326	44,610	126.90	5,661
1947.....	16,050	89	1,421	2.41	3,401	81,570	1,385	56,490	142.49	8,049
1948.....	14,350	94	1,356	2.79	3,666	84,800	1,625	68,900	161.49	11,127
1949 <sup>5</sup> .....	13,750	87	1,191	2.35	2,716	101,600	1,669	84,800	145.77	12,361

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 14,000 bushels in 1945, 87,000 in 1946, 11,000 in 1947, 40,000 in 1948, and 35,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Approximately 32 pounds, in the shell.

<sup>4</sup> Shelled basis. Two pounds of lima beans in the shell produce approximately one pound of shelled beans.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 336.

TABLE 299.—*Beans, snap, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-49*

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Acreage harvested	Yield per acre	Production	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	110,630	93	10,246	1.57	16,036	65,040	1.42	92,300	62.73	5,790
1930.....	127,330	88	11,210	1.37	14,866	78,690	1.15	90,400	62.15	5,618
1931.....	127,490	93	11,856	1.20	14,018	52,710	1.30	68,700	52.98	3,640
1932.....	135,410	88	11,968	.95	10,687	31,460	1.40	43,900	37.97	1,667
1933.....	154,020	89	13,650	.85	11,007	40,770	1.48	60,200	38.59	2,323
1934.....	177,020	84	14,918	.90	12,758	45,100	1.47	66,100	41.41	2,737
1935.....	175,280	80	14,045	1.02	14,230	49,590	1.64	81,500	43.06	3,509
1936.....	177,750	75	13,316	1.16	15,436	50,180	1.52	76,500	44.46	3,401
1937.....	157,900	78	12,247	1.34	16,407	63,720	1.68	107,000	47.94	5,130
1938.....	182,270	90	16,423	.82	13,157	73,970	1.75	128,400	44.84	5,758
1939.....	172,570	94	16,289	1.00	16,314	52,810	1.78	94,100	42.27	3,978
1940.....	163,450	102	16,728	1.09	18,033	62,000	1.84	114,220	42.93	4,904
1941.....	167,510	88	14,738	1.50	22,110	87,800	1.64	144,320	53.40	7,707
1942.....	159,560	102	16,326	1.69	27,257	135,260	1.73	233,500	74.88	17,485
1943.....	193,250	96	18,539	2.25	41,618	161,370	1.63	262,300	93.69	24,574
1944.....	198,600	83	16,506	2.31	37,904	154,400	1.46	225,700	97.24	21,948
1945.....	180,180	97	17,442	2.59	42,797	131,010	1.69	221,500	104.23	23,087
1946.....	183,030	103	18,882	2.40	43,014	122,760	1.69	207,400	117.76	23,424
1947.....	182,080	97	17,614	2.20	34,243	102,380	1.65	169,300	104.03	17,612
1948.....	170,450	100	17,079	2.45	38,919	102,160	1.83	187,030	120.90	22,612
1949 <sup>4</sup> .....	167,750	100	16,854	2.23	36,406	108,410	2.15	233,010	112.60	26,238

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 382,000 bushels in 1930, 192,000 in 1931, 742,000 in 1932, 686,000 in 1933, 740,000 in 1934, 159,000 in 1935, 374,000 in 1938, 42,000 in 1939, 113,000 in 1940, 163,000 in 1942, 76,000 in 1943, 98,000 in 1944; 900,000 in 1945, 944,000 in 1946, 2,015,000 in 1947, 1,205,000 in 1948, and 513,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Approximately 30 pounds. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 338.

TABLE 300.—*Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	28,190	32,800	30,100	<sup>3</sup> 2,350	<sup>3</sup> 2,788	3,160	2.36	2.60	2.80
Early spring:									
Texas.....	4,920	3,400	5,000	308	187	325	1.70	2.20	2.10
Florida.....	18,510	16,900	16,700	<sup>3</sup> 1,725	1,436	<sup>3</sup> 1,754	1.97	2.70	2.25
Total or average.....	23,430	20,300	21,700	2,034	1,623	2,079	1.91	2.64	2.22
Midspring:									
California.....	5,550	2,900	3,500	802	580	735	2.10	2.45	2.25
Louisiana.....	7,420	4,800	4,400	<sup>3</sup> 460	336	308	1.68	2.75	2.75
Mississippi.....	3,630	3,000	3,000	<sup>3</sup> 250	255	225	1.46	2.95	2.35
Alabama.....	1,520	1,600	1,600	107	80	104	1.55	3.20	2.75
Georgia.....	3,950	2,100	2,200	<sup>3</sup> 243	101	154	1.44	3.00	2.00
South Carolina.....	6,460	4,600	5,000	<sup>3</sup> 430	322	450	1.44	3.00	2.05
Total or average.....	28,530	19,000	19,700	2,291	1,674	1,976	1.72	2.76	2.30
Late spring:									
North Carolina.....	5,980	5,400	6,000	<sup>3</sup> 408	432	450	1.38	2.75	2.15
Arkansas.....	1,960	2,200	2,200	<sup>3</sup> 121	132	<sup>3</sup> 154	1.17	2.20	1.35
Tennessee.....	410			23			1.32		
Virginia.....	2,980	2,200	2,300	190	209	214	1.33	2.20	1.50
Total or average.....	11,320	9,800	10,500	742	773	818	1.32	2.51	1.84
Early summer:									
Mississippi.....			250			18			1.60
Maryland.....	4,220	4,000	4,200	<sup>3</sup> 341	300	378	1.56	2.60	1.65
Delaware.....	130	150	150	11	11	10	1.48	2.60	1.65
New Jersey.....	5,850	4,500	4,900	618	495	514	1.52	2.30	1.55
New York.....	<sup>4</sup> 2,283	1,700	1,700	<sup>3</sup> 359	<sup>3</sup> 272	<sup>3</sup> 255	<sup>4</sup> 1.80	2.65	1.55
Pennsylvania.....	3,440	3,200	3,300	<sup>3</sup> 540	576	<sup>3</sup> 429	1.63	2.50	1.95
Illinois.....	2,590	1,700	1,900	219	144	162	1.73	2.60	2.10
Total or average.....	18,290	15,250	16,400	2,052	1,798	1,766	1.60	2.49	1.72
Late summer:									
Alabama.....	<sup>4</sup> 2,240	1,500	1,500	<sup>4</sup> 163	112	120	<sup>4</sup> 1.95	3.15	2.80
Georgia.....	2,110	2,000	2,200	200	204	209	1.38	2.65	1.95
North Carolina.....	5,430	5,400	5,400	<sup>3</sup> 541	594	567	1.25	2.60	2.10
Virginia.....	1,000	500	500	<sup>3</sup> 81	41	41	1.11	2.40	1.85
New York.....	10,990	12,000	13,800	1,631	1,920	1,932	1.70	2.50	1.90
Michigan.....	2,740	3,200	3,300	<sup>3</sup> 230	304	297	1.92	2.65	2.15
Colorado.....	1,560	800	750	238	120	90	1.52	2.30	2.20
Tennessee.....	1,400	900	500	<sup>3</sup> 166	76	62	1.30	2.55	1.90
Total or average.....	27,250	26,300	27,950	3,235	3,371	3,318	1.56	2.55	2.00
Early fall:									
New Jersey.....	4,160	3,900	4,000	362	370	400	1.42	1.80	1.20
Maryland.....	1,120	1,200	1,400	81	90	133	1.48	1.95	1.25
Virginia.....	4,710	4,200	4,000	380	554	472	1.49	1.55	1.10
North Carolina.....	960	1,100	900	<sup>3</sup> 53	<sup>3</sup> 66	<sup>3</sup> 68	1.17	1.70	1.10
South Carolina.....	3,030	3,300	2,600	<sup>3</sup> 231	198	130	1.59	2.40	1.70
Mississippi.....	1,170	2,000	2,200	55	150	121	1.74	2.20	1.85
Louisiana.....	3,010	2,300	2,400	208	161	<sup>3</sup> 168	1.84	2.30	1.70
California.....	3,580	3,500	3,400	678	718	680	2.14	2.60	2.50
Total or average.....	21,730	21,500	20,900	2,049	2,307	2,172	1.73	2.11	1.70
Late fall:									
Florida.....	17,290	23,000	17,500	<sup>3</sup> 2,077	<sup>3</sup> 2,645	1,400	2.01	2.00	3.10
Texas.....	2,220	2,500	3,000	120	100	165	1.68	2.40	1.50
Total or average.....	19,510	25,500	20,500	2,197	2,745	1,565	1.99	2.02	2.93
United States.....	178,250	170,450	167,750	16,949	17,079	16,854	1.78	2.45	2.23

See footnotes at end of table.

TABLE 300.—*Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	2,210	2,450	3,250	5,160	5,400	7,200	70.70	98.00	97.00
New York.....	13,780	23,500	25,200	23,100	32,900	45,400	87.20	136.70	119.80
New Jersey.....	2,250	2,000	1,400	3,250	2,400	2,400	88.60	167.00	98.00
Pennsylvania.....	3,850	2,600	3,100	6,470	4,900	5,300	70.30	103.10	101.70
Indiana.....	1,280			1,120			66.70		
Michigan.....	6,720	5,800	6,800	8,270	7,500	10,200	72.60	110.30	119.60
Wisconsin.....	9,860	9,700	12,100	13,710	13,600	20,600	73.90	122.50	110.30
Missouri.....	960	800	900	1,220	1,200	1,200	71.90	120.00	100.00
Delaware.....	1,450	1,500	1,000	1,620	2,100	800	72.60	97.40	86.90
Maryland.....	11,390	6,700	6,800	16,320	8,700	9,500	75.40	104.00	90.10
Virginia.....	2,740	2,500	2,400	3,680	3,500	3,400	71.70	107.00	93.30
North Carolina.....	1,740	1,200	1,200	2,080	1,800	1,800	69.60	164.50	113.10
South Carolina.....	2,250	700	500	2,030	700	600	56.40	80.00	80.00
Georgia.....	2,060	200	200	1,950	300	200	62.90	150.00	120.00
Florida.....	8,750	7,100	6,500	13,500	10,700	9,600	72.60	98.00	123.40
Tennessee.....	4,090	3,700	3,500	5,720	6,300	4,900	68.00	165.00	144.70
Mississippi.....	2,160	1,600	2,000	2,180	2,200	2,200	65.20	134.00	120.00
Arkansas.....	8,670	6,800	7,200	11,490	10,900	9,400	77.70	139.80	79.80
Louisiana.....	2,990	1,400	1,400	2,450	800	1,000	62.20	80.00	94.00
Oklahoma.....	3,620	3,800	2,800	3,930	4,600	3,400	76.00	156.20	91.00
Texas.....	5,380	6,500	6,000	8,070	7,800	8,400	63.20	80.00	76.00
Colorado.....	1,210	1,400	1,400	3,360	4,300	5,600	63.40	94.90	94.40
Utah.....	750	220	400	2,550	800	1,700	72.70	92.30	107.10
Washington.....	1,670	2,500	2,600	7,050	10,000	8,600	82.00	118.20	122.00
Oregon.....	3,740	4,900	6,600	22,300	34,300	54,100	87.70	123.30	125.20
California.....	880	1,180	1,780	4,390	6,700	13,200	81.50	104.50	112.60
Other States <sup>2</sup> .....	1,900	1,410	1,380	3,100	2,630	2,310	68.00	96.58	98.70
Total or average.....	108,350	102,160	108,410	180,070	187,030	233,010	77.50	1 0.90	112.60
Grand total.....	286,600	272,610	276,160	<i>Tons</i> 434,300	<i>Tons</i> 443,200	<i>Tons</i> 485,800	<sup>3</sup> 104.62	<sup>4</sup> 144.74	<sup>5</sup> 131.03

<sup>1</sup> Preliminary. <sup>2</sup> Approximately 30 pounds. <sup>3</sup> Includes some quantities not marketed.<sup>4</sup> Average 1939-47.<sup>5</sup> Alabama, Idaho, Illinois, Iowa, Kentucky, Massachusetts, Montana, Nebraska, New Mexico, Ohio, Vermont, and Wyoming. <sup>6</sup> Derived price per ton.

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TABLE 301.—*Beets, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States 1929-49*

Year	For fresh market				For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Acreage harvested	Yield per acre	Production	Farm value <sup>2</sup>
	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>
1929.....	9,810	210	2,058	0.64	1,307	6,920	5.20	36,000	17.39
1930.....	10,700	206	2,206	.60	1,331	10,720	5.21	55,900	15.40
1931.....	11,360	204	2,323	.41	864	4,750	6.34	30,100	11.76
1932.....	11,710	167	1,960	.40	789	2,970	7.27	21,600	8.56
1933.....	10,960	176	1,924	.48	921	4,040	6.14	24,800	9.72
1934.....	13,150	191	2,506	.46	1,142	6,820	5.88	40,100	10.47
1935.....	11,410	171	1,950	.56	1,098	8,210	5.80	47,600	10.21
1936.....	12,090	178	2,153	.46	933	8,350	5.64	47,100	12.42
1937.....	10,630	187	1,988	.52	1,036	12,150	5.15	62,600	11.80
1938.....	10,920	193	2,105	.39	809	11,080	6.39	70,800	9.79
1939.....	11,690	182	2,131	.43	907	8,320	5.37	44,700	12.66
1940.....	12,100	185	2,240	.48	1,072	12,400	5.70	70,700	12.22
1941.....	12,270	172	2,108	.43	914	17,790	7.48	133,000	13.11
1942.....	11,380	187	2,128	.62	1,330	16,730	7.88	131,900	15.17
1943.....	12,300	179	2,203	1.21	2,668	18,100	7.70	139,400	20.76
1944.....	13,640	182	2,482	.77	1,903	18,480	9.18	169,600	20.64
1945.....	11,500	186	2,136	.85	1,809	18,400	10.15	186,700	19.81
1946.....	12,030	187	2,249	.81	1,711	16,510	8.56	141,380	18.58
1947.....	9,970	195	1,942	.82	1,593	10,270	7.26	74,600	19.73
1948.....	10,450	190	1,982	1.04	2,068	13,400	7.03	94,200	22.77
1949 <sup>4</sup> .....	10,650	167	1,781	1.01	1,805	17,300	8.33	144,100	20.46

See footnotes on page 248.

TABLE 302.—*Beets, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
For fresh market:	7,400	7,100	7,200	<sup>3</sup> 1,058	1,065	756	0.40	0.65	0.70
Winter: Texas.....									
Spring:									
Louisiana.....	780	400	300	94	36	28	.82	1.30	1.45
Mississippi.....	10			1			.35		
South Carolina.....	350	300	400	84	63	110	1.40	2.25	1.70
North Carolina.....	210	250	250	<sup>3</sup> 43	42	62	1.30	2.25	1.60
Virginia.....	290	100	100	83	45	40	.93	2.65	2.15
Total or average.....	1,650	1,050	1,050	306	186	240	1.13	2.16	1.72
Summer:									
New Jersey.....	1,660	1,200	1,400	399	324	385	.98	1.50	1.15
Pennsylvania.....	1,070	1,100	1,000	410	407	400	.85	1.20	1.05
Total or average.....	2,730	2,300	2,400	809	731	785	.92	1.33	1.10
United States.....	11,780	10,450	10,650	2,172	1,982	1,781	.68	1.04	1.01
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New York.....	4,410	3,200	3,800	38,570	26,900	40,300	17.60	29.40	24.40
New Jersey.....	540	800	840	5,010	4,000	5,400	17.60	25.50	24.00
Michigan.....	1,010	1,000	1,200	6,880	5,000	8,000	15.40	18.20	18.20
Wisconsin.....	4,480	5,900	7,600	36,580	41,300	61,600	14.20	18.90	17.70
Oregon.....	1,400	1,100	1,760	14,050	10,000	18,700	18.30	25.10	21.70
Other States <sup>4</sup> .....	2,970	1,400	2,100	15,190	7,000	10,100	16.30	18.43	19.13
Total or average.....	14,810	13,400	17,300	116,280	94,200	144,100	16.20	22.77	20.46
Grand total.....	26,590	23,850	27,950	172,800	145,700	190,400	<sup>5</sup> 20.18	<sup>5</sup> 28.92	<sup>5</sup> 24.97

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent bushels of beets without tops (approximately 52 pounds).<sup>3</sup> Includes some quantities not marketed.<sup>4</sup> California, Colorado, Georgia, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, North Carolina, Ohio, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.<sup>5</sup> Derived price per ton.

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## FOOTNOTES FOR TABLE 301:

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 200,000 bushels in 1931, 5,000 in 1935, 126,000 in 1936, 30,000 in 1938, 146,000 in 1946 and 5,000 in 1947.<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.<sup>3</sup> Equivalent bushels of beets without tops (approximately 52 pounds).<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data 1923-28 in Agricultural Statistics, 1942, table 341.



TABLE 303.—Cabbage, commercial crop: Stocks, acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-49

Year	Stocks, Jan. 1 <sup>1</sup>	For fresh market <sup>2</sup>					For sauerkraut				
		Acreage for harvest	Yield per acre	Production <sup>3</sup>	Price	Farm value <sup>4</sup>	Acre- age har- vested	Yield per acre	Production	Price	Farm value <sup>4</sup>
	Tons	Acres	Tons	Tons	Dol- lars	1,000 dollars	Acres	Tons	Tons	Dol- lars	1,000 dollars
1929.....	61,940	136,790	7.19	983,400	20.20	19,863	20,530	8.43	173,000	10.22	1,768
1930.....	55,040	132,690	6.48	860,300	21.35	18,370	28,100	7.61	213,800	7.74	1,654
1931.....	55,570	148,360	6.62	982,500	11.34	10,780	19,210	7.11	136,500	6.03	823
1932.....	60,050	144,700	6.87	994,700	12.59	12,113	16,160	9.40	151,900	4.11	625
1933.....	85,150	136,110	5.80	788,900	21.03	16,453	16,440	5.80	95,400	11.21	1,069
1934.....	34,790	204,310	6.52	1,332,600	10.35	12,636	25,710	8.39	215,700	6.35	1,369
1935.....	82,200	152,580	6.67	1,017,000	13.99	14,162	16,500	8.17	134,800	5.17	697
1936.....	78,600	165,090	5.97	986,300	19.57	18,282	18,980	6.06	115,100	13.17	1,516
1937.....	45,810	160,060	6.19	991,300	15.00	14,546	24,840	5.99	148,900	9.68	1,442
1938.....	30,460	158,720	7.73	1,227,100	9.26	10,850	17,740	11.01	195,400	5.29	1,033
1939.....	78,020	152,880	6.26	957,100	16.25	14,856	19,710	7.44	146,600	7.59	1,113
1940.....	41,120	160,800	6.86	1,102,600	12.32	13,555	20,720	8.94	185,200	5.43	1,006
1941.....	60,030	139,940	6.70	937,700	21.24	19,831	23,480	8.99	211,000	9.70	2,047
1942.....	60,210	170,410	7.31	1,245,600	17.83	20,423	15,000	10.75	161,300	7.96	1,284
1943.....	58,060	166,040	6.15	1,021,700	48.59	49,351	13,860	7.75	107,400	21.89	2,351
1944.....	25,740	219,700	6.33	1,390,800	32.66	41,922	16,720	7.05	117,900	14.83	1,749
1945.....	22,690	192,080	8.03	1,541,700	28.30	41,468	22,730	10.26	233,300	13.31	3,105
1946.....	48,200	177,500	7.81	1,386,000	29.47	39,156	24,450	11.01	269,200	13.14	3,538
1947.....	113,900	162,060	7.05	1,142,300	42.67	47,869	9,810	7.37	72,300	17.22	1,245
1948.....	6,300	179,400	7.40	1,326,800	29.42	37,310	19,450	10.47	203,700	14.53	2,959
1949 <sup>5</sup> .....	45,600	170,960	7.13	1,218,300	31.24	36,674	17,540	9.66	169,400	12.29	2,082

<sup>1</sup> In the hands of growers and local dealers, from crop of preceding year.<sup>2</sup> Includes production used for dehydration.<sup>3</sup> Includes the following quantities not harvested and excluded in computing value: 31,600 tons in 1931, 32,800 in 1932, 6,500 in 1933, 111,800 in 1934, 4,900 in 1935, 52,000 in 1936, 21,800 in 1937, 55,200 in 1938, 42,800 in 1939, 2,000 in 1940, 4,000 in 1941, 100,200 in 1942, 6,100 in 1943, 107,200 in 1944, 76,200 in 1945, 57,400 in 1946, 20,400 in 1947, 58,400 in 1948, and 44,200 in 1949.<sup>4</sup> Value is for the marketing season and should not be confused with calendar-year income.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 343.

TABLE 304.—*Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production <sup>2</sup>			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For fresh market:									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	12,020	9,400	8,200	101,400	95,900	75,400	25.61	37.00	29.50
Arizona.....	970	1,500	1,500	10,500	<sup>3</sup> 16,500	<sup>3</sup> 16,500	39.60	64.40	36.80
Texas.....	30,490	41,000	34,000	<sup>3</sup> 144,000	205,000	112,200	20.88	22.70	14.60
Florida.....	13,900	16,700	16,000	<sup>3</sup> 100,700	<sup>3</sup> 145,300	<sup>3</sup> 147,200	34.18	52.50	44.00
Total or average.....	57,380	68,600	59,700	356,600	462,700	351,300	26.62	35.56	30.16
Early spring:									
Louisiana.....	5,900	5,000	5,300	<sup>3</sup> 24,700	20,000	22,300	27.89	45.20	29.00
Mississippi.....	7,140	6,000	5,200	<sup>3</sup> 34,200	<sup>3</sup> 29,400	21,800	32.32	20.60	48.40
Alabama.....	1,410	1,300	1,300	7,100	6,500	7,200	39.58	51.40	48.00
Georgia, south.....	4,120	6,200	6,800	21,300	<sup>3</sup> 27,900	<sup>3</sup> 44,200	34.53	48.20	23.80
South Carolina.....	1,680	1,600	1,700	<sup>3</sup> 11,200	10,400	<sup>3</sup> 16,200	39.39	37.20	33.30
Total or average.....	20,250	20,100	20,300	98,600	94,200	111,700	31.50	38.22	32.73
Late spring:									
North Carolina.....	1,620	2,000	2,100	<sup>3</sup> 8,100	<sup>3</sup> 12,000	13,600	36.19	35.30	48.50
Virginia.....	1,960	1,500	1,700	<sup>3</sup> 10,300	11,200	11,900	36.00	32.50	41.40
Maryland.....	1,460	1,200	1,200	7,100	6,000	4,800	33.04	30.30	29.80
Tennessee.....	2,860	3,100	3,400	<sup>3</sup> 19,400	17,000	<sup>3</sup> 22,100	29.34	24.60	27.20
Kentucky.....	280	300	270	<sup>3</sup> 1,900	1,600	1,600	40.30	55.00	45.00
Ohio, southeast.....	470	550	500	4,400	4,400	4,500	39.33	52.00	41.90
Missouri.....	1,130	1,000	1,000	6,000	4,500	5,000	28.45	40.00	29.00
Washington.....	510	650	620	<sup>3</sup> 2,800	3,600	4,300	38.21	45.00	35.00
Total or average.....	10,290	10,300	10,790	60,100	60,300	67,800	33.02	33.89	36.84
Early summer:									
New Jersey.....	4,290	4,700	4,700	26,400	29,600	<sup>3</sup> 28,200	32.80	41.60	48.60
New York, Long Island.....	1,100	1,000	900	10,400	<sup>3</sup> 9,600	7,200	30.28	35.40	50.00
Georgia.....	680	1,000	1,100	3,100	5,000	4,400	33.98	42.10	37.10
Indiana.....	480	500	500	3,400	3,000	3,000	31.71	47.50	36.00
Illinois.....	3,090	2,800	3,160	19,900	22,400	20,500	26.38	41.50	31.50
Iowa.....	1,120	900	1,040	8,300	7,600	8,800	25.85	40.00	36.00
Total or average.....	10,750	10,900	11,400	71,600	77,200	72,100	29.56	40.97	40.86
Late summer:									
Colorado.....	1,560	1,700	1,970	<sup>3</sup> 16,700	<sup>3</sup> 18,700	23,600	20.65	17.60	20.60
Utah.....	480	450	340	6,500	<sup>3</sup> 5,800	5,100	21.97	15.80	20.00
New Mexico.....	800	280	300	5,100	1,400	1,600	30.75	60.00	40.00
Minnesota.....	780	270	300	6,100	2,300	2,100	25.53	29.20	31.50
Ohio.....	1,930	1,070	1,400	15,300	9,100	11,200	<sup>3</sup> 6.86	33.50	44.50
Pennsylvania.....	5,210	5,700	5,160	41,100	<sup>3</sup> 54,200	36,100	30.57	27.40	43.00
Virginia, south-west.....	2,800	1,300	1,300	<sup>3</sup> 16,900	<sup>3</sup> 10,000	8,600	25.25	31.80	36.50
North Carolina.....	4,090	3,800	4,300	25,400	28,500	30,100	26.27	33.00	41.60
Total or average.....	17,640	14,570	15,070	133,200	130,000	118,400	27.38	28.45	36.60
Early fall (domestic):									
New York, Long Island.....	980	1,200	1,200	10,100	10,800	<sup>3</sup> 12,000	27.05	33.00	34.00
New York, other.....	4,320	2,350	4,220	<sup>3</sup> 45,600	5,800	42,200	18.15	21.40	35.00
New Jersey.....	2,290	2,400	2,400	12,200	13,700	14,600	28.62	36.80	37.20
Michigan.....	3,340	4,400	4,600	26,800	37,400	39,100	39.13	32.00	38.50
Wisconsin.....	5,400	5,700	5,500	<sup>3</sup> 50,900	54,200	52,200	15.43	19.30	19.70
Washington.....	1,180	1,550	1,600	<sup>3</sup> 7,400	9,300	8,800	34.84	44.00	38.00
Total or average.....	17,500	17,600	19,520	153,000	151,200	168,900	23.43	26.79	31.31

See footnotes at end of table.

TABLE 304.—*Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued*

Utilization, group, and State	Acreage			Production <sup>2</sup>			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For fresh market—									
Continued:									
Early fall (Danish):	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	18,000	15,400	13,400	<sup>3</sup> 169,300	154,000	127,300	21.94	13.30	23.00
Pennsylvania.....	2,760	3,000	2,700	23,400	27,000	24,300	25.02	21.00	35.00
Ohio.....	930	950	950	6,700	9,000	7,600	36.57	37.20	37.00
Indiana.....	320	300	200	2,400	2,100	1,800	28.21	40.70	40.00
Michigan.....	1,400	2,100	2,100	11,500	16,800	18,900	36.91	23.50	35.00
Wisconsin.....	3,480	3,800	3,800	<sup>3</sup> 30,400	38,000	41,800	19.04	15.40	22.00
Minnesota.....	1,260	1,700	1,550	10,100	<sup>3</sup> 15,300	14,000	21.54	23.70	28.00
Colorado.....	3,280	3,500	3,700	<sup>3</sup> 39,700	<sup>3</sup> 42,000	55,500	17.62	13.90	21.00
Total or average.....	31,440	30,750	28,400	293,400	304,200	291,200	21.97	16.33	24.97
Late fall:									
Oregon.....	1,470	2,200	1,400	<sup>3</sup> 10,500	<sup>3</sup> 15,400	<sup>3</sup> 11,200	30.99	29.00	33.00
Virginia.....	190	180	180	1,100	1,000	1,000	35.64	32.50	45.00
North Carolina.....	1,780	2,700	2,700	8,200	21,600	13,500	32.91	19.20	38.00
South Carolina.....	1,320	1,500	1,500	9,000	9,000	11,200	40.47	27.40	50.00
Total or average.....	4,770	6,580	5,780	28,800	47,000	36,900	34.24	23.71	40.44
United States.....	170,010	179,400	170,960	1,195,300	1,326,800	1,218,300	25.86	29.42	31.24
For sauerkraut:									
New York.....	6,600	8,450	7,480	72,100	90,400	76,300	11.30	14.80	11.90
Ohio.....	1,980	1,430	1,000	16,400	21,300	8,000	10.90	13.00	11.10
Indiana.....	1,230	1,500	1,600	7,800	9,000	7,500	13.00	22.00	12.30
Illinois.....	370	200	140	2,600	1,600	900	14.00	15.60	12.00
Michigan.....	700	600	200	5,600	6,900	2,200	10.80	14.90	10.60
Wisconsin.....	4,730	4,300	4,500	41,200	43,400	45,000	11.20	12.50	11.50
Minnesota.....	200	180	200	1,600	1,500	2,800	9.60	13.20	10.00
Colorado.....	230	300	130	2,500	3,300	1,600	12.50	14.20	10.30
Washington.....	330	200	250	3,600	3,400	4,000	11.90	15.10	15.00
Other States <sup>4</sup> .....	2,050	2,290	2,040	16,600	22,900	21,100	14.70	15.63	15.97
Total or average.....	18,420	19,450	17,540	170,000	203,700	169,400	11.60	14.53	12.29
Grand total.....	188,430	198,850	188,500	1,365,300	1,530,500	1,387,700	24.11	27.35	28.85

<sup>1</sup> Preliminary.<sup>2</sup> Fresh market crop includes production used for dehydration.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Connecticut, Florida, Iowa, Maryland, Missouri, New Jersey, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, Utah, and Virginia.

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TABLE 305.—*Cantaloups and other muskmelons,<sup>1</sup> commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-49, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California <sup>4</sup> .....	17,890	16,800	16,800	<sup>5</sup> 2,010	1,680	2,268	3.36	4.55	3.20
Florida.....	580	1,200	1,200	<sup>5</sup> 33	78	48	2.82	4.00	4.00
Arizona, Yuma.....	<sup>6</sup> 9,000	12,600	9,800	<sup>6</sup> 963	1,310	1,245	<sup>6</sup> 4.00	3.00	2.70
Total or average....	19,360	30,600	27,800	2,139	3,068	3,561	3.34	3.87	3.04
Early summer:									
Nevada.....	80		130	8		23	1.12		3.00
Georgia.....	5,820	3,200	3,400	<sup>5</sup> 273	240	272	1.82	2.75	1.60
South Carolina.....	3,820	3,000	3,300	192	150	132	1.35	2.30	1.50
Arizona, other.....	<sup>6</sup> 11,280	12,100	12,000	<sup>5</sup> 1,251	1,537	1,536	<sup>6</sup> 2.62	3.00	2.65
Total or average....	21,010	18,300	18,830	1,724	1,927	1,963	2.36	2.91	2.43
Midsummer:									
California <sup>4</sup> .....	15,930	31,300	24,800	2,479	4,048	3,428	2.67	2.89	3.31
Cantaloups.....	(?)	28,700	22,600	(?)	3,731	3,164	(?)	2.80	3.20
Persians, etc.....	(?)	2,600	2,200	(?)	317	264	(?)	3.90	4.60
Washington.....	1,620	1,750	1,750	<sup>5</sup> 272	<sup>5</sup> 254	<sup>5</sup> 332	1.63	2.20	1.75
New Mexico.....	990	1,060	500	85	95	45	2.15	1.85	2.50
Texas.....	5,300	4,600	5,100	274	299	332	2.44	3.55	3.00
Oklahoma.....	1,910	1,800	1,800	119	90	108	1.33	1.45	1.50
Arkansas.....	1,830	1,800	1,800	98	117	99	1.27	1.20	1.05
North Carolina.....	5,340	4,800	5,100	313	240	204	1.50	2.45	1.50
Maryland.....	6,080	4,400	4,500	<sup>5</sup> 489	352	450	1.73	2.40	1.75
Delaware.....	3,150	2,100	2,100	<sup>5</sup> 259	168	210	1.70	2.50	1.50
Indiana.....	6,200	4,200	4,200	<sup>5</sup> 424	462	294	2.09	1.85	2.00
Illinois.....	1,560	1,500	1,600	100	75	104	1.76	1.95	1.90
Iowa.....	700	420	440	52	36	37	1.94	2.00	2.75
Total or average....	50,600	59,730	53,690	4,965	6,236	5,633	2.13	2.68	2.77
Late summer:									
Oregon.....	720	300	400	106	36	50	1.91	2.25	2.05
Utah.....	680	350	250	70	<sup>5</sup> 77	45	1.73	2.20	2.20
Colorado.....	4,180	4,100	3,500	417	<sup>5</sup> 410	<sup>5</sup> 332	1.60	1.40	1.40
Kansas.....	640	280	220	51	35	28	2.07	2.25	2.30
Michigan.....	3,840	3,000	3,700	<sup>5</sup> 333	300	426	2.90	3.40	2.10
Ohio.....	2,450	1,200	1,150	170	72	80	2.37	2.10	2.15
New Jersey.....	2,600	1,800	1,900	179	117	162	1.83	2.25	2.20
New York.....	1,870	1,500	1,650	134	112	132	3.55	4.76	4.25
Total or average....	16,980	12,530	12,770	1,460	1,159	1,255	2.20	2.61	2.20
United States.....	107,940	121,160	113,090	10,288	12,390	12,412	2.42	3.01	2.74

<sup>1</sup> Includes Casaba and Persian melons, but not Honey Balls or Honey Dewes. (See tables 322-325 on these last-mentioned crops.)

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent jumbo crates (approximately 70 pounds).

<sup>4</sup> Riverside County included in mid-summer group prior to 1947; in spring crop thereafter.

<sup>5</sup> Includes some quantities not marketed.

<sup>6</sup> Spring crop included with early summer crop prior to 1947.

<sup>7</sup> Estimates not available prior to 1948.

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TABLE 306.—*Cantaloups and other muskmelons,<sup>1</sup> commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-49*

Year	Acreage for harvest	Yield per acre	Pro-duction <sup>2</sup>	Price	Farm value	Year	Acreage for harvest	Yield per acre	Pro-duction <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	95,060	124	11,828	1.73	20,421	1940	110,210	89	9,802	1.24	12,087
1930	111,170	98	10,913	1.59	17,370	1941	111,490	89	9,963	1.44	14,026
1931	121,670	102	12,353	1.13	13,545	1942	93,850	87	8,239	2.42	19,886
1932	118,020	99	11,711	.96	9,626	1943	70,760	113	7,981	4.35	34,700
1933	97,200	93	8,993	.94	8,027	1944	94,640	102	9,694	3.05	29,471
1934	92,190	97	8,910	1.20	10,688	1945	108,640	95	10,295	2.99	30,646
1935	101,400	94	9,535	1.04	9,629	1946	131,850	105	13,828	3.10	42,608
1936	101,340	94	9,553	1.19	10,986	1947	129,900	97	12,541	3.24	40,539
1937	104,020	98	10,226	1.32	13,549	1948	121,160	102	12,390	3.01	36,766
1938	109,490	96	10,525	1.21	11,155	1949 <sup>4</sup>	113,090	110	12,412	2.74	33,757
1939	118,610	84	10,014	1.17	11,682						

<sup>1</sup> Includes Casaba and Persian melons, but not Honey Balls or Honey Dews. (See tables 322-325 on these last-mentioned melons.)

<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 380,000 crates in 1931, 1,650,000 in 1932, 416,000 in 1933, 300,000 in 1935, 355,000 in 1936, 1,281,000 in 1938, 89,000 in 1940, 171,000 in 1941, 21,000 in 1942, 12,000 in 1944, 43,000 in 1945, 66,000 in 1946, 40,000 in 1947, 171,000 in 1948, and 79,000 in 1949.

<sup>3</sup> Equivalent jumbo crates (approximately 70 pounds).

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 346, where Honey Ball and Honey Dew melons are included and production is in standard crates containing approximately 60 pounds.

TABLE 307.—*Carrots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-49<sup>1</sup>*

Year	Acreage for harvest	Yield per acre	Pro-duction <sup>2</sup>	Price	Farm value <sup>3</sup>	Year	Acreage for harvest	Yield per acre	Pro-duction <sup>2</sup>	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Bu.<sup>4</sup></i>	<i>1,000 bu.<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>4</sup></i>	<i>1,000 bu.<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	32,770	344	11,273	0.68	7,521	1940	54,770	309	16,909	0.73	12,294
1930	34,820	339	11,821	.68	7,991	1941	56,110	325	18,254	.79	14,351
1931	34,040	332	11,290	.60	6,151	1942	60,780	333	20,216	1.21	24,445
1932	35,650	306	10,904	.65	6,876	1943	87,590	342	29,944	1.29	38,289
1933	37,420	285	10,686	.59	6,298	1944	79,330	358	26,833	1.27	33,907
1934	40,960	310	12,705	.62	7,872	1945	87,160	356	31,043	1.28	39,708
1935	39,800	321	12,782	.68	8,687	1946	80,620	328	26,480	1.35	34,845
1936	45,090	306	13,812	.63	8,721	1947	70,350	327	23,029	1.70	38,256
1937	46,810	317	14,822	.69	10,212	1948	75,600	371	28,064	1.87	50,830
1938	50,980	318	16,214	.59	9,584	1949 <sup>5</sup>	76,040	321	24,411	1.55	36,436
1939	51,140	319	16,313	.68	11,146						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing and for dehydration.

<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 235,000 bushels in 1929, 1,056,000 in 1931, 265,000 in 1932, 7,000 in 1935, 5,000 in 1936, 81,000 in 1938; 216,000 in 1943, 63,000 in 1944, 90,000 in 1945, 583,000 in 1946, 465,000 in 1947, 864,000 in 1948, and 848,000 in 1949.

<sup>3</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>4</sup> Equivalent bushels of carrots without tops (approximately 50 pounds).

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1923-28 in Agricultural Statistics, 1942, table 349.

TABLE 308.—Carrots, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	9,150	8,900	11,250	3,390	4,005	3,375	1.28	3.60	1.80
Arizona.....	2,280	3,800	3,600	637	1,083	1,900	1.57	3.65	2.20
Texas.....	14,350	17,800	23,300	2,480	3,293	4,194	.46	.95	.80
Louisiana.....	1,750	1,150	1,100	211	121	116	.92	1.70	1.40
Florida.....	4720	400	500	183	70	100	.98	3.00	1.30
Total or average...	27,750	32,050	39,750	6,774	8,572	8,685	.98	2.56	1.33
Spring:									
California.....	6,750	6,000	4,800	2,702	3,150	2,376	1.23	2.10	1.70
Arizona.....	3,060	2,800	2,600	1,151	1,414	1,144	1.35	3.75	1.90
Mississippi.....	30			3			.32		
Total or average...	9,840	8,800	7,400	3,856	4,564	3,520	1.26	2.61	1.75
Summer:									
North Carolina.....	70			12			.98		
Virginia.....	80			20			.85		
New Jersey.....	1,550	1,400	1,300	382	385	344	1.14	1.45	1.65
New York.....	1,420	1,150	1,100	588	518	484	1.12	.85	1.25
Ohio.....	1,680	1,580	1,420	843	869	674	1.27	1.35	1.65
Colorado.....	1,610	2,000	1,700	408	550	425	.92	1.00	1.20
Total or average...	6,400	6,130	5,520	2,252	2,322	1,927	1.13	1.17	1.45
Fall:									
California.....	10,400	12,000	9,900	4,098	5,040	4,455	1.45	1.70	2.20
Oregon.....	800	800	900	317	4360	360	1.52	1.75	2.35
Washington.....	1,400	1,700	1,700	582	824	850	.94	1.20	1.10
Idaho.....	4390	470		113	150		.96	.65	
Utah.....	290	700	470	89	245	150	.86	2.00	3.00
New Mexico.....	1,530	2,300	2,200	425	678	814	1.55	1.45	2.20
Minnesota.....	280	750	600	114	412	255	.62	.65	.65
Illinois.....	2,210	2,400	1,800	867	972	675	.79	.75	.90
Indiana.....	120			58			.59		
Michigan.....	1,660	2,000	1,400	904	1,500	770	.70	.55	1.40
Pennsylvania.....	1,730	2,000	1,600	580	500	480	1.10	.90	1.00
New York.....	3,300	3,500	2,800	1,540	1,925	1,470	.77	.55	.70
Total or average...	23,880	28,620	23,370	9,641	12,606	10,279	1.10	1.22	1.67
United States.....	67,880	75,600	76,040	22,524	28,064	24,411	1.09	1.87	1.55

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing and for dehydration.<sup>2</sup> Preliminary.<sup>3</sup> Equivalent bushels of carrots without tops (approximately 50 pounds):<sup>4</sup> Includes some quantities not marketed.<sup>5</sup> Short-time average: Florida, 1945-47; Idaho, Utah, and New Mexico, 1939-47.

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TABLE 309.—*Cauliflower, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-49*<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Price	Farm value <sup>3</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Crates</i> <sup>4</sup>	<i>1,000 crates</i> <sup>4</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates</i> <sup>4</sup>	<i>1,000 crates</i> <sup>4</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	26,350	266	7,016	0.81	5,656	1940-----	31,670	309	9,798	0.58	5,665
1930-----	30,120	226	6,808	.85	5,780	1941-----	32,080	262	8,392	.79	6,632
1931-----	29,960	252	7,556	.75	5,649	1942-----	32,230	294	9,481	1.03	9,758
1932-----	32,060	238	7,624	.61	4,478	1943-----	26,440	286	7,569	1.87	14,170
1933-----	30,340	236	7,167	.66	3,983	1944-----	31,160	305	9,505	1.56	14,810
1934-----	29,150	233	6,787	.58	3,970	1945-----	37,420	311	11,640	1.58	18,413
1935-----	27,890	246	6,872	.65	4,351	1946-----	42,210	302	12,741	1.47	18,390
1936-----	29,790	256	7,626	.71	5,437	1947-----	39,540	291	11,499	1.51	17,411
1937-----	29,470	294	8,677	.71	6,159	1948-----	38,600	345	13,336	1.32	17,489
1938-----	27,830	297	8,265	.57	4,689	1949 <sup>5</sup> -----	36,600	370	13,535	1.19	15,880
1939-----	29,350	308	9,040	.64	5,780						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. Also includes the headed type of broccoli.

<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 336,000 crates in 1932, 127,000 in 1935, 30,000 in 1944, 202,000 in 1946, 73,000 in 1948, and 207,000 in 1949.

<sup>3</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>4</sup> Equivalent 1½-bushel crates (approximately 37 pounds). <sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 352.

TABLE 310.—*Cauliflower, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
Winter <sup>4</sup> :	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates</i> <sup>3</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California-----	7,760	8,900	7,700	2,186	2,772	2,772	.95	1.15	1.05
Arizona-----	1,280	2,350	1,600	408	736	520	1.10	1.35	1.85
Texas-----	470	800	1,200	87	156	210	1.55	1.50	1.45
Florida-----	530	400	600	138	90	150	2.00	2.00	2.40
Total or average...	9,680	12,450	11,100	2,723	3,741	3,652	1.00	1.22	1.24
Early spring <sup>4</sup> :									
California-----	8,640	11,300	10,000	2,831	4,124	3,800	1.14	1.20	1.25
Oregon-----	210	200	100	36	30	8	1.21	1.30	1.50
Total or average...	8,850	11,500	10,100	2,867	4,154	3,808	1.14	1.20	1.25
Late spring <sup>4</sup> :									
Washington-----	600	650	700	260	273	301	1.12	1.35	1.20
Summer:									
New York-----	2,700	2,600	2,700	934	975	878	1.79	2.30	2.00
Colorado-----	3,390	3,200	2,800	925	880	840	.68	.85	.95
New Jersey-----	1,260	800	900	269	200	270	1.33	2.40	1.20
Utah-----	10			3			1.00		
Total or average...	7,350	6,600	6,400	2,131	2,055	1,988	1.24	1.71	1.42
Fall:									
New York, L. I.-----	4,510	4,500	5,200	1,249	2,318	2,704	1.50	1.30	.85
Michigan-----	1,170	1,400	1,500	300	315	570	1.57	2.00	1.60
Oregon-----	950	1,500	1,600	294	480	512	1.00	1.05	.80
Total or average...	6,520	7,400	8,300	1,812	3,113	3,786	1.37	1.33	.96
United States-----	32,990	38,600	36,600	9,793	13,336	13,535	1.16	1.32	1.19

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. Also includes the headed type of broccoli.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent 1½ bushel crates (approximately 37 pounds).

<sup>4</sup> Note shift in seasonal groupings from previous reports: Early spring—California formerly spring; Oregon formerly winter; Late spring—Washington formerly spring; Ten-year averages adjusted to the new grouping.

<sup>5</sup> Short-time averages: Florida, 1945-47; Michigan, 1939-47.

<sup>6</sup> Includes some quantities not marketed.

<sup>7</sup> 10-year averages for production and price are in 55-pound Long Island crates as originally published.

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TABLE 311.—*Celery, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	6,100	6,300	5,000	<sup>4</sup> 3,068	<sup>4</sup> 3,402	<sup>4</sup> 2,775	2.22	2.10	3.85
California.....	1,950	3,570	3,400	1,376	2,499	2,805	2.12	2.00	2.65
Arizona.....	<sup>5</sup> 580	600	450	<sup>5</sup> 394	439	374	<sup>5</sup> 2.75	1.80	2.60
Total or average....	8,220	10,470	8,850	4,562	6,340	5,954	2.17	2.03	3.21
Spring:									
Florida.....	3,260	5,300	4,400	<sup>4</sup> 1,494	<sup>4</sup> 2,279	<sup>4</sup> 2,640	2.93	1.75	2.10
California.....	1,640	2,100	2,200	1,565	2,888	3,080	2.31	1.60	1.80
Total or average....	4,900	7,400	6,600	3,059	5,167	5,720	2.63	1.66	1.93
Summer:									
New York.....	540	700	650	<sup>4</sup> 210	280	276	2.96	1.55	1.95
New Jersey.....	1,130	1,100	900	286	385	306	2.41	1.80	2.30
Ohio.....	1,110	890	850	500	<sup>4</sup> 445	382	2.60	2.65	2.90
Michigan.....	2,060	1,800	1,600	1,015	990	744	1.90	1.20	1.60
Indiana.....	10			<sup>4</sup>			1.28		
Oregon.....	470	230	230	262	108	<sup>4</sup> 154	1.91	2.00	2.25
California.....		700	1,300		630	1,430		2.10	1.50
Total or average....	5,320	5,420	5,530	2,277	2,838	3,292	2.19	1.77	1.82
Early fall:									
New York.....	4,050	2,700	2,300	1,456	1,107	966	1.64	2.15	2.50
Pennsylvania.....	800	400	400	274	148	136	2.10	2.20	2.00
Ohio.....	860	500	500	339	<sup>4</sup> 175	190	2.34	2.85	2.30
Indiana.....	70			28			2.07		
Michigan.....	4,380	2,600	2,300	1,818	1,274	1,092	1.26	1.50	1.80
Colorado.....	1,330	1,200	1,250	<sup>4</sup> 448	396	500	2.62	1.80	1.80
Utah.....	560	420	400	<sup>4</sup> 254	273	<sup>4</sup> 320	1.79	2.55	1.80
Washington.....	520	560	560	<sup>4</sup> 285	308	<sup>4</sup> 297	1.34	1.35	1.25
Total or average....	12,560	8,380	7,710	4,903	3,681	3,501	1.64	1.88	1.99
Late fall:									
California.....	9,970	8,700	9,000	3,540	4,654	5,040	2.08	1.90	1.40
New Jersey.....	520	550	500	114	182	200	1.87	1.95	1.50
Total or average....	10,500	9,250	9,500	3,654	4,836	5,240	2.07	1.90	1.40
United States.....	41,500	40,920	38,190	18,456	22,862	23,707	2.07	1.86	2.13

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing and for dehydration.<sup>2</sup> Preliminary.<sup>3</sup> Equivalent ½-size crates (approximately 65 pounds).<sup>4</sup> Includes some quantities not marketed.<sup>5</sup> Average 1945-47.

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TABLE 312.—*Celery, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States 1929-49*<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Price	Farm value <sup>3</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Crates<sup>4</sup></i>	<i>1,000 crates<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>4</sup></i>	<i>1,000 crates<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	35,220	409	14,391	1.20	17,267	1940.....	40,230	423	17,012	1.27	21,669
1930.....	35,060	430	15,073	1.21	18,307	1941.....	41,060	453	18,620	1.51	28,102
1931.....	35,180	380	13,367	1.39	18,542	1942.....	40,630	427	17,335	2.04	35,321
1932.....	34,220	405	13,855	.85	11,505	1943.....	38,940	422	16,443	3.24	53,090
1933.....	34,890	393	13,714	.91	12,187	1944.....	40,690	443	18,040	2.69	47,428
1934.....	36,130	386	13,936	.99	13,793	1945.....	43,890	447	19,622	3.19	62,253
1935.....	35,840	342	12,268	1.38	16,919	1946.....	48,250	484	23,329	1.91	42,971
1936.....	38,120	367	13,983	1.27	17,737	1947.....	41,310	499	20,606	2.75	56,759
1937.....	40,180	378	15,185	1.28	19,478	1948.....	40,920	559	22,862	1.86	40,827
1938.....	40,190	407	16,358	1.01	16,039	1949 <sup>5</sup> .....	38,190	621	23,707	2.13	49,924
1939.....	39,810	428	17,030	1.13	19,187						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 278,000 crates in 1932, 347,000 in 1933, 424,000 in 1938, 52,000 in 1943, 400,000 in 1944, 102,000 in 1945, 809,000 in 1946, 956,000 in 1948 and 289,000 in 1949.<sup>3</sup> Value is for the marketing season and should not be confused with calendar-year income.<sup>4</sup> Equivalent ½-size crates (approximately 65 pounds).<sup>5</sup> Preliminary.Bureau of Agricultural Economics. Data for 1918-28 in *Agricultural Statistics*, 1942, table 354, where quantities and prices are as of equivalent ⅓-size crates containing approximately 90 pounds.TABLE 313.—*Corn, sweet, commercial crop for processing: Acreage, yield, production, and season average price per ton received by farmers, and value, United States, 1929-49*

Year	Acreage harvested	Yield per acre	Production in bush	Price	Farm value	Year	Acreage harvested	Yield per acre	Production in bush	Price	Farm value
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	359,800	1.96	706,900	13.09	9,254	1940.....	317,200	2.31	731,500	8.81	6,447
1930.....	376,760	1.76	661,400	13.22	8,742	1941.....	444,270	2.56	1,135,700	9.68	10,993
1931.....	358,090	2.19	785,100	11.06	8,681	1942.....	485,610	2.64	1,282,500	13.44	17,236
1932.....	165,130	2.34	387,200	7.50	2,905	1943.....	510,110	2.29	1,170,600	18.34	21,464
1933.....	199,670	1.97	394,300	8.01	3,159	1944.....	489,920	2.13	1,043,500	19.33	20,175
1934.....	287,630	1.73	498,000	8.46	4,211	1945.....	483,870	2.34	1,131,600	19.21	21,742
1935.....	401,610	2.14	859,900	9.31	8,007	1946.....	500,910	2.48	1,241,800	19.85	24,651
1936.....	372,420	1.63	607,500	10.21	6,200	1947.....	492,590	2.22	1,091,600	20.82	22,722
1937.....	438,810	2.23	978,100	11.56	11,311	1948.....	466,500	2.71	1,262,100	23.30	29,394
1938.....	345,160	2.56	882,800	9.98	8,808	1949 <sup>1</sup> .....	455,880	3.07	1,398,300	20.29	28,366
1939.....	248,260	2.66	661,100	8.40	5,556						

<sup>1</sup> Preliminary.Bureau of Agricultural Economics. Data for 1918-28 in *Agricultural Statistics*, 1942, table 357.

TABLE 314.—*Corn, sweet, commercial crop: Acreage, production, and season average price per 1,000 ears and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
For fresh market: <sup>1</sup>									
Summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 ears<sup>3</sup></i>	<i>1,000 ears<sup>3</sup></i>	<i>1,000 ears<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Jersey.....	21,700	21,000	23,000	103,010	115,500	94,300	22.01	37.50	25.50
New York.....	25,880	30,000	36,000	133,025	162,000	190,800	18.88	29.50	20.00
Pennsylvania.....	<sup>4</sup> 11,160	10,200	11,500	<sup>5</sup> 54,563	52,020	<sup>6</sup> 56,350	<sup>6</sup> 19.23	28.00	19.60
Total 3 States.....	57,620	61,200	70,500	285,142	329,520	341,450	19.90	32.07	21.54
For processing:				<i>Tons<sup>6</sup></i>	<i>Tons<sup>6</sup></i>	<i>Tons<sup>6</sup></i>			
Maine.....	10,970	10,000	11,100	38,720	22,000	33,300	22.70	29.00	28.70
New Hampshire.....	410	330	430	1,530	800	1,200	22.00	29.40	30.50
Vermont.....	940	790	950	2,650	2,100	2,800	17.40	25.00	24.50
New York.....	22,970	24,300	32,000	55,210	58,300	83,200	15.40	24.00	22.70
Pennsylvania.....	12,880	12,500	10,300	25,280	25,000	25,800	16.00	27.70	23.90
Ohio.....	23,200	20,400	17,700	48,650	61,200	42,500	13.40	23.10	17.00
Indiana.....	45,280	34,400	31,900	78,420	65,400	57,400	15.10	23.00	19.40
Illinois.....	63,500	61,800	66,800	159,320	173,000	220,400	14.90	24.20	20.90
Michigan.....	3,660	3,700	2,100	4,550	6,300	3,400	14.50	22.00	19.20
Wisconsin.....	64,760	99,700	99,800	149,410	229,300	329,300	13.70	23.60	19.70
Minnesota.....	70,640	78,200	68,500	195,190	242,400	253,400	12.90	20.60	17.50
Iowa.....	39,800	33,300	25,400	95,170	96,600	73,700	13.20	21.80	19.20
Nebraska.....	2,590	2,500	2,500	5,130	6,500	7,500	12.70	20.60	15.20
Delaware.....	3,250	4,300	3,600	7,250	11,600	9,700	15.10	20.70	16.50
Maryland.....	38,250	37,000	37,700	79,720	92,500	90,500	15.50	22.00	18.60
Virginia.....	710	500	400	1,270	1,700	1,100	17.70	22.00	22.40
Idaho.....	4,680	9,200	7,200	15,450	37,700	28,800	16.20	24.30	19.90
Utah.....	1,590	5,900	6,300	5,550	22,400	25,200	17.30	24.40	22.50
Washington.....	8,790	9,000	10,400	32,290	44,100	34,300	18.20	23.00	21.90
Oregon.....	4,720	10,900	11,500	15,560	41,400	48,300	21.40	34.10	32.00
Other States <sup>7</sup> .....	8,200	7,780	9,300	20,950	21,800	26,500	14.30	23.00	20.20
Total or average.....	431,790	466,500	455,880	1,037,270	1,262,100	1,398,300	14.80	23.30	20.29

<sup>1</sup> Sweet corn for fresh market is reported for 3 States only. Data are not available for other States where it is grown in commercial quantities for fresh market.

<sup>2</sup> Preliminary. <sup>3</sup> 1,000 ears weigh approximately 700 pounds.

<sup>4</sup> Includes some quantities not marketed. <sup>5</sup> Average 1939-47. <sup>6</sup> Tonnage in husk.

<sup>7</sup> Arkansas, Colorado, Montana, New Jersey, Oklahoma, South Dakota, Tennessee, Texas, and Wyoming.

Bureau of Agricultural Economics.

TABLE 315.—*Cucumbers, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-49*

Year	For fresh market					For pickles					Pickle stocks on hand Oct. 1 <sup>3</sup>
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Acreage harvested	Yield per acre	Production	Price	Farm value <sup>2</sup>	
	<i>Acres</i>	<i>Bushels<sup>4</sup></i>	<i>1,000 bushels<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Bushels<sup>4</sup></i>	<i>1,000 bushels<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>
1929.....	45,990	109	5,002	1.56	7,816	78,180	49	3,798	0.81	3,086	5,146
1930.....	62,940	109	6,879	1.05	6,619	114,520	64	7,295	.79	5,784	7,955
1931.....	53,210	95	5,065	.78	3,846	82,470	67	5,547	.70	3,884	8,719
1932.....	48,100	87	4,200	.73	2,983	30,910	56	1,727	.50	857	6,406
1933.....	45,360	85	3,844	.76	2,914	54,660	63	3,459	.45	1,545	5,799
1934.....	47,030	92	4,332	.88	3,820	77,470	54	4,189	.47	1,961	5,539
1935.....	48,070	104	5,019	.80	3,825	86,970	55	4,788	.51	2,438	5,963
1936.....	48,350	88	4,262	.95	4,066	86,020	70	6,046	.56	3,377	6,507
1937.....	45,040	94	4,216	1.07	4,501	108,070	71	7,761	.60	4,619	8,518
1938.....	44,850	108	4,857	.80	3,886	82,290	74	6,093	.59	3,579	9,161
1939.....	45,260	112	5,059	.97	4,776	57,160	67	3,837	.58	2,222	6,790
1940.....	43,350	111	4,795	1.10	5,297	92,330	67	6,205	.58	3,603	6,985
1941.....	43,820	113	4,970	1.24	6,031	110,600	74	8,236	.68	5,626	7,995
1942.....	43,600	112	4,872	1.59	7,725	107,910	77	8,307	.80	6,605	8,651
1943.....	41,270	111	3,790	2.80	10,605	84,900	74	6,258	.94	5,909	7,008
1944.....	34,000	101	4,134	2.13	8,825	99,000	77	7,661	1.10	8,425	7,697
1945.....	46,900	118	5,527	2.49	13,773	101,390	79	7,993	1.18	9,424	7,966
1946.....	59,310	118	6,975	2.39	16,526	134,580	78	10,507	1.40	14,703	9,754
1947.....	59,900	108	6,470	2.14	13,335	127,290	80	10,233	1.35	13,824	10,696
1948.....	54,050	125	6,749	2.38	15,925	125,100	79	9,847	1.62	15,982	9,838
1949 <sup>5</sup> .....	55,500	121	6,716	2.14	13,848	134,530	87	11,690	1.41	16,538	11,991

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 1,551,000 bushels in 1930, 124,000 in 1931, 100,000 in 1932, 227,000 in 1935, 133,000 in 1939, 96,000 in 1941, 6,000 in 1945, 67,000 in 1946, 229,000 in 1947, 63,000 in 1948, and 255,000 in 1949.

<sup>2</sup> Value is for marketing season and should not be confused with calendar-year income.

<sup>3</sup> Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1. <sup>4</sup> Approximately 48 pounds. <sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 360.

TABLE 316.—*Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
For fresh market:									
Winter: Florida.....	<sup>3</sup> 520	1,550	1,300	<sup>3</sup> 56	<sup>4</sup> 155	<sup>254</sup>	<sup>3</sup> 7.52	3.50	4.50
Early spring:									
Florida.....	6,340	7,600	6,600	730	1,254	891	2.92	3.15	3.75
Texas.....	3,790	4,200	4,000	222	231	240	1.80	2.70	3.30
Total or average...	10,130	11,800	10,600	952	1,485	1,131	2.62	3.08	3.65
Late spring:									
Louisiana.....	690	750	650	62	75	52	1.42	2.50	1.95
Alabama.....	1,300	1,450	1,500	199	145	172	1.36	2.30	1.75
Georgia.....	1,310	900	800	101	60	72	1.31	2.80	2.00
South Carolina.....	5,350	5,000	5,700	443	450	513	1.58	2.95	1.40
North Carolina.....	4,540	6,700	7,700	345	536	<sup>4</sup> 539	1.43	1.70	1.35
Arkansas.....	820	1,200	1,500	85	120	<sup>4</sup> 188	1.26	1.65	1.20
California.....	1,980	2,300	2,500	494	632	725	1.72	1.60	1.30
Total or average...	15,980	18,300	20,350	1,729	2,018	2,261	1.52	2.05	1.41
Early summer:									
Virginia.....	160	200	400	16	18	44	1.23	2.65	1.15
Maryland.....	3,200	3,000	2,700	424	330	392	1.18	3.10	1.80
Delaware.....	1,140	800	700	139	88	102	1.14	2.95	1.80
New Jersey.....	2,840	3,500	3,600	461	612	576	1.52	2.20	1.40
Illinois.....	2,040	2,000	2,200	198	140	<sup>4</sup> 187	1.52	2.25	1.65
Total or average...	9,370	9,500	9,600	1,239	1,188	1,301	1.35	2.52	1.58

See footnotes at end of table.

TABLE 316.—*Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
<b>For fresh market (cont'd):</b>									
Late summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	4,720	5,000	6,000	612	725	750	1.58	1.90	1.95
Pennsylvania.....	<sup>3</sup> 690	600	550	<sup>3</sup> 135	150	132	<sup>3</sup> 1.79	2.40	1.50
Michigan.....	1,010	1,000	1,100	109	110	126	1.78	2.20	1.80
Total or average...	6,360	6,600	7,650	843	985	1,008	1.61	2.01	1.87
Early fall:									
Louisiana.....	1,030	900	800	95	58	<sup>4</sup> 72	2.00	2.30	1.70
Georgia.....	800	700	700	28	35	28	1.74	1.80	1.60
South Carolina.....	<sup>3</sup> 100	700	700	<sup>3</sup> 11	105	91	<sup>3</sup> 4.75	2.75	2.50
Total or average...	1,840	2,300	2,200	124	198	191	1.98	2.45	2.10
Late fall:									
Florida.....	2,400	4,000	3,800	243	<sup>4</sup> 720	570	3.36	1.90	2.50
United States.....	46,230	54,050	55,500	5,145	6,749	6,716	1.76	2.38	2.14
<b>For pickles:</b>									
Massachusetts.....	800	690	860	107	72	116	1.10	1.55	1.20
New York.....	840	1,400	1,200	74	84	122	1.10	1.85	1.40
Ohio.....	3,320	2,300	2,100	177	221	273	1.00	1.85	1.50
Indiana.....	5,260	4,500	3,600	258	310	270	.90	1.35	1.05
Illinois.....	1,220	1,000	800	73	36	40	1.00	1.50	1.40
Michigan.....	28,160	40,000	46,300	1,748	2,400	3,195	1.00	1.65	1.20
Wisconsin.....	14,440	20,400	22,700	1,159	1,714	2,043	1.00	1.65	1.45
Minnesota.....	1,510	1,800	1,700	102	160	139	.80	1.30	1.50
Iowa.....	1,160	700	500	56	55	26	.70	1.20	.95
Missouri.....	1,070	500	700	51	40	48	1.00	1.40	1.15
Delaware.....	1,150	1,400	2,100	77	88	151	1.00	1.80	1.25
Maryland.....	3,760	4,000	3,000	326	384	240	.90	1.70	1.20
Virginia.....	4,160	4,400	5,700	304	224	319	.80	1.60	1.25
North Carolina.....	6,020	6,800	9,200	483	490	846	.90	1.85	1.45
South Carolina.....	1,030	2,000	3,000	92	120	180	.70	.95	1.35
Georgia.....	3,640	4,500	4,000	232	270	300	.90	2.35	2.15
Louisiana.....	500	430	430	32	15	17	.90	3.00	2.65
Texas.....	4,830	3,400	3,200	241	228	198	.90	1.90	2.55
Colorado.....	1,720	2,700	2,700	300	518	608	.80	1.45	1.85
Washington.....	530	1,200	1,000	103	185	179	1.00	1.45	1.40
Oregon.....	1,150	1,300	1,400	202	143	179	1.00	2.10	2.40
California.....	2,570	2,770	3,240	687	873	1,059	.80	1.15	1.20
Other States <sup>5</sup> .....	10,900	16,910	15,100	649	1,217	1,142	.80	1.72	1.56
Total or average...	99,740	125,100	134,530	7,533	9,847	11,690	.90	1.62	1.41
Grand total.....	145,970	179,150	190,030	12,678	16,596	18,406	1.30	1.93	1.67

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 48 pounds.<sup>3</sup> Average: 1945-47 for Florida; 1939-47 for Pennsylvania; South Carolina, 1947 first year of estimate.<sup>4</sup> Includes some quantities not marketed.<sup>5</sup> Alabama, Arizona, Arkansas, Connecticut, Florida, Kansas, Kentucky, Maine, Mississippi, Nebraska, New Hampshire, New Jersey, Oklahoma, Pennsylvania, South Dakota, Tennessee, and Utah.

Bureau of Agricultural Economics.

TABLE 317.—*Eggplant, commercial crop: Acreage, yield, production, season, average price per bushel received by farmers, and value, United States, 1929-49*

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>
	<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	4,090	241	986	1.06	1,049	1940-----	3,700	205	758	0.88	664
1930-----	4,400	199	876	.76	665	1941-----	4,750	219	1,040	.84	876
1931-----	3,750	234	876	.80	704	1942-----	4,060	228	922	1.21	1,118
1932-----	4,100	220	903	.59	537	1943-----	5,250	217	1,140	1.98	2,255
1933-----	4,050	205	832	.59	491	1944-----	5,850	237	1,386	1.40	1,812
1934-----	3,850	201	775	.52	406	1945-----	6,060	254	1,538	1.93	2,842
1935-----	3,030	220	666	.83	550	1946-----	6,800	265	1,804	1.53	2,481
1936-----	3,700	259	960	.50	477	1947-----	5,550	197	1,093	1.90	2,072
1937-----	3,650	221	806	.82	661	1948-----	6,580	248	1,629	1.44	1,924
1938-----	4,350	247	1,073	.56	604	1949 <sup>4</sup> -----	6,100	240	1,467	1.34	1,797
1939-----	4,600	218	1,003	.68	679						

<sup>1</sup> Includes some quantities not marketed and excluded in computing value: 90,000 bushels in 1944, 62,000 in 1945, 178,000 in 1946, 289,000 in 1948, and 126,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Approximately 33 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 362.

TABLE 318.—*Eggplant, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida-----	<sup>3</sup> 610	330	860	<sup>3</sup> 4 216	102	324	<sup>3</sup> 1.98	3.50	1.85
Spring: Florida-----	1,020	2,500	1,800	4 336	4 812	4 468	1.42	1.20	1.25
Summer:									
Louisiana-----	520	350	300	75	52	45	1.20	1.35	1.60
New Jersey-----	1,520	1,900	1,700	362	4 475	4 442	.94	1.00	.90
Total or average-----	2,040	2,250	2,000	438	527	487	.98	1.04	.97
Fall:									
Florida-----	1,020	700	700	4 158	84	88	1.87	2.35	2.00
Texas-----	540	800	800	72	104	100	1.06	1.80	1.10
Total or average-----	1,550	1,500	1,500	229	188	188	1.50	2.04	1.52
United States-----	5,100	6,580	6,100	1,176	1,629	1,467	1.29	1.44	1.34

<sup>1</sup> Preliminary.

<sup>2</sup> Approximately 33 pounds.

<sup>3</sup> Average 1940-47.

<sup>4</sup> Includes some quantities not marketed.

Bureau of Agricultural Economics.

TABLE 319.—*Escarole, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Florida, 1929-49*

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>
	<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	500	902	451	0.51	230	1940.....	1,350	589	795	0.38	302
1930.....	450	1,113	501	.91	456	1941.....	1,000	554	554	.66	366
1931.....	850	632	537	.39	209	1942.....	1,200	506	715	.47	336
1932.....	700	479	335	.61	204	1943.....	1,450	518	751	1.52	1,142
1933.....	700	843	590	.36	212	1944.....	2,350	629	1,478	.78	647
1934.....	700	932	652	.41	267	1945.....	2,800	459	1,285	1.45	1,382
1935.....	650	648	421	.57	240	1946.....	2,500	554	1,385	.80	875
1936.....	700	726	508	.41	208	1947.....	2,700	355	958	1.35	1,293
1937.....	900	667	606	.51	306	1948.....	3,100	460	1,426	1.10	1,285
1938.....	1,000	680	680	.30	204	1949.....	3,000	425	1,275	1.40	1,705
1939.....	1,000	645	645	.41	264						

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 649,000 bushels in 1944; 332,000 in 1945, 291,000 in 1946, 258,000 in 1948, and 57,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Approximately 25 pounds. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 320.—*Garlic, commercial crop: Acreage, yield, production, season average price per sack received by farmers, and value, 3 States,<sup>1</sup> 1932-49*

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value	Year	Acreage for harvest	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1932.....	4,500	30.9	139	2.61	363	1941.....	3,980	38.9	155	9.63	1,492
1933.....	4,110	29.9	123	3.22	396	1942.....	4,820	45.0	217	4.18	906
1934.....	3,600	34.4	124	3.65	453	1943.....	3,350	39.1	131	10.40	1,363
1935.....	3,160	38.9	123	3.97	488	1944.....	3,400	44.1	150	16.16	2,425
1936.....	3,900	38.2	149	4.11	613	1945.....	3,400	52.1	177	18.25	3,230
1937.....	4,250	44.0	187	2.68	501	1946.....	4,150	49.2	204	13.67	2,788
1938.....	4,460	40.8	182	3.01	547	1947.....	4,180	45.0	188	10.01	1,882
1939.....	4,300	41.6	179	3.15	563	1948.....	3,020	43.0	130	19.70	2,561
1940.....	3,890	36.5	142	7.43	1,055	1949.....	3,250	43.1	140	9.95	1,393

<sup>1</sup> Louisiana, Texas, and California. <sup>2</sup> Equivalent 100-pound sacks. <sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 321.—*Garlic, commercial crop: Acreage, production, and season average price per sack received by farmers, by States, average 1938-47, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Louisiana.....	890	800	750	12	10	9	8.42	10.50	9.80
Texas.....	810	500	400	12	8	5	4.89	13.00	9.00
Total or average.....	1,700	1,300	1,150	24	18	14	6.87	11.61	9.50
Summer: California.....	2,290	1,720	2,100	149	112	126	10.09	21.00	10.00
Total, 3 States.....	3,990	3,020	3,250	172	130	140	9.59	19.70	9.95

<sup>1</sup> Preliminary. <sup>2</sup> Equivalent 100-pound sacks.

Bureau of Agricultural Economics.

TABLE 322.—*Honey Ball melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, 2 States,<sup>1</sup> 1929-49*

Year	Acreage for harvest	Yield per acre	Pro- duc- tion	Price	Farm value	Year	Acreage for harvest	Yield per- acre	Pro- duc- tion	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	5,150	110	567	1.66	944	1940.....	4,020	72	290	2.05	594
1930.....	7,230	124	897	1.73	1,552	1941.....	3,560	96	343	1.77	608
1931.....	7,280	137	999	1.05	1,050	1942.....	2,690	121	326	2.64	860
1932.....	6,350	120	<sup>3</sup> 761	1.04	641	1943.....	950	120	114	7.00	798
1933.....	7,470	95	<sup>3</sup> 707	1.11	693	1944.....	1,040	141	147	4.08	600
1934.....	2,750	138	380	1.52	577	1945.....	1,680	129	216	3.54	765
1935.....	3,980	122	486	1.11	540	1946.....	2,000	96	193	3.88	748
1936.....	3,260	130	424	1.35	571	1947.....	640	110	70	5.10	357
1937.....	3,320	139	463	1.44	669	1948.....	1,100	60	66	3.95	261
1938.....	2,470	133	328	1.63	552	1949 <sup>4</sup> .....	980	140	137	3.15	432
1939.....	3,380	93	314	1.46	459						

<sup>1</sup> California and Arizona.<sup>2</sup> Equivalent jumbo crates (approximately 70 pounds).<sup>3</sup> Includes 144,000 crates in 1932 and 81,000 in 1933 not marketed and excluded in computing value.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 323.—*Honey Ball melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-47, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Spring: California.....	1,940	1,100	980	194	66	137	3.36	3.95	3.15
Summer:									
California.....	270	-----	-----	37	-----	-----	2.08	-----	-----
Arizona.....	30	-----	-----	3	-----	-----	2.26	-----	-----
Total or average.....	300	-----	-----	40	-----	-----	2.13	-----	-----
United States.....	2,240	1,100	980	234	66	137	3.32	3.95	3.15

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent jumbo crates (approximately 70 pounds).

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TABLE 324.—*Honey Dew melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-49*

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value
	Acres	Crates <sup>2</sup>	1,000 crates <sup>2</sup>	Dollars	1,000 dollars		Acres	Crates <sup>2</sup>	1,000 crates <sup>2</sup>	Dollars	1,000 dollars
1929.....	12,680	341	4,327	0.56	2,419	1940.....	14,360	169	2,428	0.93	2,266
1930.....	15,110	274	4,135	.88	3,634	1941.....	11,320	236	2,667	.90	2,394
1931.....	15,200	294	4,462	.52	2,216	1942.....	8,780	242	2,126	1.52	3,225
1932.....	16,400	302	4,967	.43	1,440	1943.....	8,480	303	2,570	2.63	6,765
1933.....	10,650	266	2,838	.58	1,401	1944.....	12,990	255	3,311	1.80	5,949
1934.....	8,150	323	2,634	.74	1,945	1945.....	17,350	251	4,356	1.89	8,237
1935.....	12,110	268	3,249	.57	1,836	1946.....	21,740	211	4,591	1.76	8,091
1936.....	12,780	269	3,432	.60	2,049	1947.....	14,970	233	3,487	2.02	7,039
1937.....	13,320	285	3,792	.60	2,270	1948.....	11,700	267	3,129	1.82	5,684
1938.....	12,310	250	3,072	.64	1,970	1949 <sup>3</sup> .....	9,550	206	2,537	1.81	4,584
1939.....	13,350	235	3,137	.64	2,021						

<sup>1</sup> Includes 239,000 crates in 1931; 1,612,000 in 1932, and 438,000 in 1933 not marketed and excluded in computing value.

<sup>2</sup> Equivalent standard Honey Dew crates (approximately 35 pounds). <sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 325.—*Honey Dew melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-47 annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	Acres	Acres	Acres	1,000 crates <sup>2</sup>	1,000 crates <sup>2</sup>	1,000 crates <sup>2</sup>	Dollars	Dollars	Dollars
Spring: California.....	3,380	150	-----	698	33	-----	1.68	2.15	-----
Summer:									
Arizona.....	2,270	3,900	2,600	647	1,248	754	1.53	1.90	1.95
California.....	5,990	7,300	6,800	1,539	1,788	1,768	1.45	1.75	1.75
Colorado.....	1,670	100	150	237	10	15	1.15	1.50	1.30
Kansas.....	<sup>3</sup> 640	250	-----	<sup>3</sup> 134	50	-----	<sup>3</sup> 1.54	1.95	-----
Total or average.....	10,190	11,550	9,550	2,476	3,096	2,537	1.43	1.81	1.81
United States.....	13,560	11,700	9,550	3,174	3,129	2,537	1.47	1.82	1.81

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent standard Honey Dew crates (approximately 35 pounds). <sup>3</sup> Average, 1944-47.

Bureau of Agricultural Economics.

TABLE 326.—*Kale, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Virginia, 1929-49*

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value <sup>1</sup>	Year	Acreage for harvest	Yield per acre	Production	Price	Farm value <sup>1</sup>
	Acres	Bu. <sup>2</sup>	1,000 bu. <sup>2</sup>	Dollars	1,000 dollars		Acres	Bu. <sup>2</sup>	1,000 bu. <sup>2</sup>	Dollars	1,000 dollars
1929.....	1,800	450	810	0.35	284	1940.....	1,400	260	364	0.40	146
1930.....	1,800	410	738	.40	295	1941.....	1,700	520	884	.23	203
1931.....	2,400	230	552	.50	276	1942.....	1,600	275	440	.55	242
1932.....	1,800	600	1,080	.20	216	1943.....	1,650	445	734	.85	624
1933.....	1,800	500	900	.35	315	1944.....	2,350	350	822	.64	526
1934.....	2,300	185	426	.40	170	1945.....	1,900	350	665	.65	432
1935.....	2,000	200	400	.35	140	1946.....	1,700	327	556	.85	473
1936.....	1,600	275	440	.30	132	1947.....	1,800	347	625	.60	375
1937.....	1,300	410	533	.30	160	1948.....	1,300	404	525	1.05	551
1938.....	1,400	490	686	.30	206	1949 <sup>3</sup> .....	2,000	460	920	.50	460
1939.....	1,800	450	810	.25	202						

<sup>1</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>2</sup> Approximately 18 pounds. <sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1928 in Agricultural Statistics, 1942, table 366.



TABLE 327.—*Lettuce, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1938-47, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates <sup>2</sup></i>	<i>1,000 crates <sup>2</sup></i>	<i>1,000 crates <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Arizona.....	16,410	22,000	20,900	<sup>3</sup> 2,344	3,388	2,842	2.43	3.95	3.25
California.....	22,030	32,300	31,900	<sup>3</sup> 4,029	5,814	6,220	2.16	3.20	4.65
Florida.....	1,750	1,650	1,500	<sup>3</sup> 242	<sup>3</sup> 219	172	2.34	2.50	3.10
Texas.....	<sup>4</sup> 400	3,000	5,000	<sup>4</sup> 74	450	525	<sup>4</sup> 3.12	3.55	3.30
Total or average.....	40,270	58,950	59,300	6,630	9,871	9,759	2.26	3.46	4.14
Early spring:									
Arizona.....	21,070	20,000	21,500	<sup>3</sup> 3,034	3,740	3,978	2.35	3.00	4.55
California.....	29,020	35,200	33,200	<sup>3</sup> 3,773	3,696	3,652	2.56	4.30	2.45
Florida.....	<sup>4</sup> 310	100		<sup>3</sup> 433	10		<sup>4</sup> 3.02	2.25	
Georgia.....	<sup>4</sup> 440	170	500	<sup>3</sup> 41	11	<sup>3</sup> 46	<sup>4</sup> 3.49	6.50	5.20
South Carolina.....	940	500	600	<sup>3</sup> 104	50	66	2.74	4.75	4.70
North Carolina.....	1,380	1,300	1,400	<sup>3</sup> 124	<sup>3</sup> 160	<sup>3</sup> 182	2.84	4.90	3.10
Total or average.....	53,070	57,270	57,200	7,101	7,667	7,924	2.48	3.68	3.56
Late spring:									
Virginia.....	130			11			1.99		
New Jersey.....	1,710	2,400	2,600	<sup>3</sup> 410	600	546	2.28	3.65	2.20
Pennsylvania.....	350	420	350	52	63	52	2.81	3.30	3.10
Idaho.....	620	600	500	<sup>3</sup> 89	<sup>3</sup> 99	<sup>3</sup> 62	1.40	.65	.35
Oregon.....	700	700	600	<sup>3</sup> 94	<sup>3</sup> 119	<sup>3</sup> 96	1.62	2.10	1.30
Washington.....	1,440	1,600	1,750	<sup>3</sup> 333	320	<sup>3</sup> 455	1.80	2.85	1.35
Total or average.....	4,950	5,720	5,800	989	1,201	1,211	1.96	3.14	1.87
Summer:									
California.....	20,850	22,700	24,000	4,369	6,242	6,240	2.45	3.00	3.15
Colorado.....	4,060	7,000	6,500	438	<sup>2</sup> 770	<sup>3</sup> 780	1.72	2.00	2.55
New York.....	4,210	4,500	4,500	927	<sup>3</sup> 1,170	<sup>3</sup> 1,080	1.99	2.35	2.30
Total or average.....	29,120	34,200	35,000	5,733	8,182	8,100	2.31	2.85	3.00
Fall:									
California.....	30,050	37,700	33,200	4,766	6,220	5,312	2.43	2.65	4.50
Oregon.....	1,920	2,100	1,700	<sup>3</sup> 235	<sup>3</sup> 326	<sup>3</sup> 306	1.27	1.30	1.95
Washington.....	720	760	720	<sup>3</sup> 138	190	162	1.88	1.65	3.05
Idaho.....	3,260	4,000	3,400	<sup>3</sup> 391	<sup>3</sup> 500	<sup>3</sup> 408	1.16	.80	1.15
New Mexico.....	420	400	450	45	50	54	2.21	1.55	2.05
New Jersey.....	680	900	1,000	133	184	225	1.72	2.70	3.00
Total or average.....	37,040	45,860	40,470	5,708	7,470	6,467	2.27	2.50	4.15
United States.....	164,450	202,000	197,770	26,160	34,391	33,461	2.32	3.15	3.66

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent western crates (approximately 70 pounds).<sup>3</sup> Includes some quantities not marketed.<sup>4</sup> Short-time average: Texas—1946-47; Florida and Georgia, 1939-47.

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TABLE 328.—*Lettuce, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-49*

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	139,860	143	19,989	1.84	36,784	1940.....	143,470	154	22,095	1.48	31,526
1930.....	171,580	116	19,820	1.72	34,016	1941.....	156,980	147	23,049	1.67	38,642
1931.....	173,800	112	19,344	1.48	28,647	1942.....	156,290	150	23,427	2.54	59,431
1932.....	162,650	110	17,855	1.29	22,442	1943.....	137,200	178	24,465	3.31	80,861
1933.....	141,350	123	17,380	1.30	22,448	1944.....	167,880	170	28,575	2.61	74,034
1934.....	155,630	122	19,108	1.40	26,251	1945.....	172,850	170	29,406	2.93	86,059
1935.....	151,720	127	19,253	1.46	28,142	1946.....	206,030	164	33,801	2.60	85,686
1936.....	164,630	128	21,104	1.46	29,994	1947.....	190,300	180	34,170	3.19	108,226
1937.....	151,750	137	20,740	1.58	32,666	1948.....	202,000	170	34,391	3.15	105,831
1938.....	147,640	130	19,195	1.52	28,756	1949 <sup>4</sup> .....	197,770	169	33,461	3.66	119,717
1939.....	165,700	141	23,362	1.38	30,294						

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 471,000 crates in 1932, 90,000 in 1933, 300,000 in 1934, 501,000 in 1936, 110,000 in 1937, 282,000 in 1938, 1,397,000 in 1939, 735,000 in 1940, 42,000 in 1943, 173,000 in 1944, 29,000 in 1945, 831,000 in 1946; 198,000 in 1947; 845,000 in 1948, and 734,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Equivalent western crates (approximately 70 pounds). <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 367.

TABLE 329.—*Onions, commercial crop: Stocks, acreage, yield, production, season average price per 50-pound sack received by farmers, value, and foreign trade, United States, 1929-49<sup>1</sup>*

Year	Stocks Jan. 1 <sup>2</sup>	Acreage for harvest	Yield per acre	Production <sup>3</sup>	Price	Farm value <sup>4</sup>	Foreign trade, year beginning July <sup>5</sup>	
							Domestic exports	Imports
	<i>1,000 sacks<sup>6</sup></i>	<i>Acres</i>	<i>Sacks<sup>6</sup></i>	<i>1,000 sacks<sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 sacks<sup>6</sup></i>	<i>1,000 sacks<sup>6</sup></i>
1929.....	4,046	104,190	292	30,468	0.74	22,438	700	1,046
1930.....	6,830	96,450	319	30,785	.48	14,765	690	244
1931.....	7,228	101,890	224	22,827	.93	20,502	360	758
1932.....	3,832	124,950	250	31,298	.41	12,222	616	84
1933.....	8,272	107,660	235	25,241	.64	16,142	428	92
1934.....	6,288	116,780	233	27,203	.67	18,200	348	288
1935.....	6,096	146,370	202	29,529	.71	20,533	786	82
1936.....	7,378	175,280	198	34,688	.43	13,961	836	116
1937.....	7,478	136,710	221	30,240	.66	19,608	958	78
1938.....	6,498	140,770	219	30,846	.55	16,553	914	94
1939.....	7,166	132,910	273	36,311	.44	15,689	1,032	74
1940.....	8,592	110,390	288	31,745	.69	21,859	1,052	30
1941.....	8,270	98,510	308	30,373	1.13	34,218	1,114	104
1942.....	6,834	134,620	279	37,563	1.00	36,259	700	252
1943.....	8,332	110,340	272	29,974	1.67	50,149	803	154
1944.....	5,738	178,640	262	46,753	1.17	53,553	844	65
1945.....	11,519	141,200	259	36,594	1.66	60,360	1,456	457
1946.....	5,925	162,640	313	50,878	.89	42,985	2,458	166
1947.....	10,944	119,030	301	35,799	2.05	73,352	1,259	976
1948.....	6,518	127,510	325	41,411	1.33	54,519	1,784	386
1949 <sup>7</sup> .....	10,692	119,560	302	36,135	1.73	62,680	-----	-----

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing and dehydration.

<sup>2</sup> In the hands of growers and local dealers, from crop of preceding year.

<sup>3</sup> Includes the following quantities not harvested and excluded in computing value: 166,000 sacks in 1929, 86,000 in 1930, 727,000 in 1931, 1,500,000 in 1932, 198,000 in 1934, 534,000 in 1935, 1,849,000 in 1936, 491,000 in 1937, 984,000 in 1938, 609,000 in 1939, 1,217,000 in 1942, 1,154,000 in 1944, 248,000 in 1945, 2,646,000 in 1946, and 360,000 in 1948.

<sup>4</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>5</sup> Reported in bushels or pounds, converted to sacks at ratio of 57 pounds per bushel and 50 pounds per sack. Data compiled from reports of the Department of Commerce.

<sup>6</sup> Equivalent 50-pound sacks. <sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 370, where quantities and prices are as of 100-pound sacks.

TABLE 330.—Onions, commercial crop: Acreage, production, and season average price per 50-pound sack received by farmers, by States, average 1938-47, annual 1948 and 1949<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks<sup>3</sup></i>	<i>1,000 sacks<sup>3</sup></i>	<i>1,000 sacks<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Early spring: Texas.....	44,470	46,600	33,400	4 3,804	4,194	2,672	1.41	2.95	1.45
Late spring:									
California.....	2,360	5,100	5,200	4 1,059	2,754	2,548	1.28	1.90	1.50
Arizona.....	1,040	570	400	5 301	314	168	1.83	2.65	1.65
Louisiana.....	1,740	1,250	1,300	172	112	130	1.49	2.60	2.00
Texas.....	13,430	7,900	10,800	4 1,148	553	972	1.28	2.80	1.90
Georgia.....	1,180	550	600	5 170	75	90	1.55	2.00	1.80
Total or average.....	19,110	15,370	18,300	2,683	3,808	3,908	1.30	2.12	1.63
Early summer:									
California.....	1,320	( <sup>6</sup> )	( <sup>6</sup> )	4 671	( <sup>6</sup> )	( <sup>6</sup> )	1.08	( <sup>6</sup> )	( <sup>6</sup> )
New Mexico.....	700	900	1,400	5 234	270	420	1.60	2.35	1.50
Washington.....	580	630	470	288	4 284	263	.81	1.20	1.20
Iowa.....	430	370	340	150	139	110	1.23	1.45	.80
Oklahoma.....	1,090	600	700	4 94	66	70	.97	1.35	.85
Kentucky.....	120			28			1.23		
Virginia.....	650	300	300	4 95	56	54	1.40	2.20	1.45
New Jersey.....	2,610	2,700	3,000	645	837	825	1.34	2.00	1.40
Total or average.....	7,160	5,500	6,210	2,087	1,652	1,742	1.16	1.87	1.34
Late summer:									
Massachusetts.....	1,540	860	860	4 716	361	417	1.09	1.00	1.30
New York.....	14,160	15,100	14,600	4 6,553	8,305	6,205	1.36	1.00	2.25
Pennsylvania.....	380			122			1.36		
Eastern.....	16,080	15,960	15,460	7,392	8,666	6,622	1.39	1.00	2.19
Ohio.....	1,200	800	750	442	360	240	1.39	1.35	2.45
Indiana.....	2,270	1,600	1,700	921	912	561	1.20	1.15	2.10
Illinois.....	2,340	2,700	3,000	661	891	885	1.13	1.25	1.50
Michigan.....	8,700	9,000	8,700	3,410	5,285	2,088	1.28	1.00	2.15
Wisconsin.....	1,690	1,900	2,100	4 672	817	840	1.14	1.10	1.80
Minnesota.....	3,730	3,800	4,500	1,433	1,824	1,890	1.06	.95	2.35
Iowa.....	440	400	400	196	240	200	1.00	.95	2.10
Kansas.....	5 220	160	380	5 93	60	91	1.31	1.20	1.50
Central.....	20,450	20,360	21,530	7,772	10,369	6,795	1.25	1.05	2.07
Colorado.....	9,440	11,000	11,300	4 4,638	5 5,500	5,650	.88	.80	1.60
Utah.....	1,380	900	900	666	4 472	468	1.01	1.10	1.60
Nevada.....	360	400	480	190	200	288	1.09	1.15	1.60
California.....	5,670	3,600	3,800	2,430	1,800	1,900	1.00	1.30	1.50
Idaho.....	3,480	2,500	2,300	4 2,119	1,688	1,782	.64	.75	.90
Oregon.....	4,040	4,300	4,800	4 2,305	2,540	3,660	.92	.97	1.65
Malheur County.....	5 2,170	2,300	2,700	4 1,471	1,610	2,295	1.92	.75	1.35
Other.....	5 2,240	2,000	2,100	5 1,118	930	1,365	1.30	1.35	2.15
Washington.....	1,120	900	1,080	566	450	648	.75	1.15	1.20
Arizona.....	5 280	120		5 63	72		.96	1.25	
Western.....	25,640	23,720	24,660	12,946	12,722	14,396	.97	.93	1.49
Total or average.....	62,160	60,040	61,650	28,109	31,757	27,813	1.08	.99	1.80
United States.....	132,900	127,510	119,560	36,684	41,411	36,135	1.12	1.33	1.73

<sup>1</sup> Mostly for fresh market use but includes some quantities used for processing and dehydration.<sup>2</sup> Preliminary.<sup>3</sup> Equivalent 50-pound sacks.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> Average 1943-47 for Arizona and New Mexico; 1939-47 for Georgia; 1944-47 for Kansas; 1941-47 for Oregon, Malheur County and other.<sup>6</sup> Shifted to late spring, starting with 1946 crop.

Bureau of Agricultural Economics.

TABLE 331.—*Peas, green, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-49*

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Acreage harvested	Yield per acre	Production	Price	Farm value <sup>2</sup>
	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds<sup>4</sup></i>	<i>Tons<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	64,150	85	5,480	1.66	9,102	232,920	1,750	203,810	57.82	11,784
1930.....	80,380	86	6,925	1.45	9,862	266,740	1,833	244,470	57.57	14,075
1931.....	84,350	77	6,457	1.43	9,218	223,350	1,320	147,400	54.53	8,038
1932.....	111,460	69	7,652	1.25	9,401	187,800	1,245	116,930	43.92	5,135
1933.....	109,020	84	9,142	.93	8,315	217,430	1,260	136,980	42.48	5,819
1934.....	97,460	77	7,491	1.38	10,303	249,870	1,324	165,370	50.09	8,288
1935.....	111,150	79	8,826	1.12	9,779	315,040	1,702	268,100	51.80	13,888
1936.....	128,720	71	9,189	1.17	10,787	296,850	1,264	187,670	51.57	9,679
1937.....	111,470	78	8,687	1.14	9,884	334,820	1,602	268,110	52.72	14,136
1938.....	95,420	83	7,928	1.22	9,698	322,360	1,877	302,540	52.77	15,965
1939.....	101,400	91	9,229	1.13	10,389	252,430	1,570	198,110	47.25	9,361
1940.....	92,620	90	8,329	1.11	9,176	330,440	1,854	306,240	48.10	14,730
1941.....	85,550	93	7,964	1.26	10,072	361,390	1,913	345,620	48.67	16,821
1942.....	70,980	92	6,557	1.61	10,572	434,120	1,953	423,910	63.71	27,007
1943.....	63,000	97	6,092	2.30	13,951	432,980	1,903	411,890	80.24	33,051
1944.....	73,340	84	6,148	2.07	12,617	437,150	1,771	387,200	83.14	32,190
1945.....	68,630	88	6,045	2.52	14,995	453,240	2,191	496,620	83.26	41,347
1946.....	62,610	84	5,275	2.04	10,609	493,000	2,119	522,270	86.13	44,982
1947.....	44,400	99	4,389	2.16	9,472	428,140	2,031	434,810	87.19	37,909
1948.....	37,250	98	3,647	2.16	7,607	373,500	1,868	348,800	90.04	31,406
1949 <sup>5</sup> .....	32,590	95	3,099	2.10	6,800	387,620	1,843	357,280	86.02	30,735

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 110,000 bushels in 1930, 104,000 in 1932, 210,000 in 1933, 117,000 in 1935, 16,000 in 1939, 75,000 in 1940, 24,000 in 1943, 39,000 in 1944, 90,000 in 1945, 79,000 in 1946, 12,000 in 1947, and 129,000 in 1948.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Approximately 30 pounds, in the shell.

<sup>4</sup> Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 375.

TABLE 332.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For fresh market:									
Winter:									
Florida.....	3,220	600	400	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Texas.....	3,990	1,800	2,200	<sup>3</sup> 243	36	16	2.16	2.55	2.85
California, Imperial Valley.....	6,250	3,900	2,250	227	72	121	1.44	2.15	2.35
Total or average...	13,460	6,300	4,850	527	98	68	2.52	3.85	3.55
Early spring:									
California.....	20,400	10,100	9,600	1,797	1,212	1,056	1.89	2.35	2.10
Alabama.....	20			<sup>2</sup>			.90		
Mississippi.....	1,160	250	200	<sup>3</sup> 69	10	11	1.57	2.80	2.65
Georgia.....	<sup>4</sup> 1,430			<sup>4</sup> 79			<sup>4</sup> 1.72		
South Carolina.....	2,730	900	800	134	45	56	1.34	2.45	2.40
North Carolina.....	1,420	100	250	<sup>3</sup> 85	5	15	1.30	3.50	1.30
Virginia.....	700			45			.99		
Total or average...	27,710	11,350	10,850	2,202	1,272	1,138	1.79	2.36	2.11

See footnotes at end of table.

TABLE 332.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
<b>For fresh market (cont'd):</b>									
Late spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maryland.....	140			8			1.31		
New Jersey.....	1,510	600	300	99	33	12	1.92	2.40	2.20
Idaho.....	2,000	1,700	1,100	<sup>3</sup> 238	<sup>3</sup> 204	121	.82	.01	1.00
Washington.....	1,850	1,700	1,360	<sup>3</sup> 379	340	313	1.51	1.80	2.40
Nevada.....	<sup>4</sup> 20			<sup>4</sup> 4			<sup>4</sup> .35		
New Mexico.....	<sup>4</sup> 180	100	230	<sup>4</sup> 11	8	28	<sup>4</sup> 2.97	1.00	3.00
Oregon.....	<sup>4</sup> 850	600	300	<sup>4</sup> 119	<sup>3</sup> 75	45	<sup>4</sup> 2.38	2.25	3.15
Total or average.....	5,820	4,700	3,290	766	660	519	1.34	1.45	2.17
Summer:									
New York.....	4,430	2,400	2,000	462	300	170	1.76	1.80	2.00
Colorado.....	12,040	6,400	5,500	1,204	640	578	1.20	1.75	1.35
Utah.....	560			<sup>3</sup> 65			1.43		
Idaho.....	2,020	600	600	166	<sup>3</sup> 36	39	1.02	.50	1.00
Oregon.....	600			67			1.64		
Total or average.....	19,650	9,400	8,100	1,965	976	787	1.35	1.73	1.47
Early fall:									
California, other.....	6,360	4,300	3,000	729	473	300	2.60	2.80	3.40
New Mexico.....	260			18			1.65		
Arizona.....	100			12			1.63		
Total or average.....	6,710	4,300	3,000	759	473	300	2.58	2.80	3.40
Late fall: California, Imperial Valley.....	2,430	1,200	2,500	108	60	150	2.76	3.35	3.50
United States.....	75,800	37,250	32,590	6,796	3,647	3,099	1.74	2.16	2.19
<b>For processing:</b>				<i>Tons <sup>5</sup></i>	<i>Tons <sup>5</sup></i>	<i>Tons <sup>5</sup></i>			
Maine.....	5,230	6,250	7,220	4,280	4,560	5,880	73.70	87.40	88.00
New York.....	35,930	28,720	30,800	31,530	29,580	14,630	71.80	84.60	83.40
New Jersey.....	4,210	3,830	4,980	3,900	3,890	5,580	94.30	112.50	126.10
Pennsylvania.....	13,100	11,200	12,000	14,220	14,840	12,600	78.00	91.00	81.60
Ohio.....	5,860	2,400	2,850	4,200	6,890	1,700	63.60	81.00	87.20
Indiana.....	9,070	4,200	4,550	6,890	2,270	3,050	61.10	92.70	105.20
Illinois.....	18,040	19,300	17,370	18,080	23,740	15,200	71.10	92.70	105.20
Michigan.....	10,130	7,800	5,720	8,430	5,150	4,000	63.30	76.80	75.50
Wisconsin.....	127,850	117,100	115,400	120,560	84,310	117,130	66.50	91.40	79.30
Minnesota.....	32,280	44,100	49,000	30,000	38,810	40,180	68.10	100.70	95.10
Iowa.....	3,320	3,150	3,900	3,030	3,090	4,150	66.90	91.60	88.10
Delaware.....	3,370	1,140	1,000	2,220	980	950	75.40	102.40	90.60
Maryland.....	13,840	6,850	6,500	12,200	7,250	7,250	73.60	81.60	80.40
Virginia.....	3,220	1,700	1,500	2,220	1,420	1,620	73.90	84.20	79.00
Idaho.....	3,380	7,660	5,950	4,900	7,160	6,600	65.90	97.30	88.80
Colorado.....	4,180	3,500	4,100	3,850	2,920	4,040	58.00	76.90	73.80
Utah.....	13,760	8,900	10,200	19,650	10,320	16,320	64.70	83.30	84.30
Washington.....	40,310	45,780	47,300	43,100	49,670	49,190	70.00	88.30	92.50
Oregon.....	35,460	40,830	48,200	38,720	49,400	37,840	64.00	86.80	83.70
California.....	4,030	4,160	4,700	3,580	3,740	5,480	59.10	76.20	71.90
Other States <sup>6</sup> .....	7,950	5,130	4,580	7,360	4,010	3,890	63.20	88.03	84.83
Total or average.....	394,520	373,500	387,620	382,920	348,800	357,280	68.10	90.04	86.02
For freezing.....	<sup>7</sup> 51,430	71,940	76,080	<sup>7</sup> 47,000	72,040	69,600	<sup>7</sup> 73.99	97.18	93.69
For canning and other processing.....	<sup>7</sup> 351,110	301,560	311,540	<sup>7</sup> 344,850	276,760	287,680	<sup>7</sup> 68.53	88.18	84.17
Grand total.....	470,320	410,750	420,210	423,700	370,680	375,900	<sup>8</sup> 90.89	<sup>8</sup> 105.46	<sup>8</sup> 99.85

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 30 pounds, in the shell.<sup>3</sup> Includes some quantities not marketed.<sup>4</sup> Average 1939-47 for Georgia; 1941-42 for Nevada; 1945-47 for New Mexico and Oregon.<sup>5</sup> Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.<sup>6</sup> Arkansas, Georgia, Kansas, Montana, Nebraska, Oklahoma, Tennessee, Texas, West Virginia, and Wyoming.<sup>7</sup> Average 1939-47.<sup>8</sup> Derived price per ton on shelled basis.

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TABLE 333.—*Peppers, green, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-49*

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>	Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Price	Farm value <sup>2</sup>
	<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	16,400	230	3,775	1.11	4,191	1940.....	22,210	227	5,042	0.86	4,321
1930.....	19,590	221	4,335	.94	4,055	1941.....	23,920	204	4,874	.95	4,651
1931.....	17,900	252	4,507	.77	3,443	1942.....	21,330	230	4,896	1.30	6,345
1932.....	17,020	224	3,819	.72	2,747	1943.....	23,440	206	4,828	2.31	11,154
1933.....	18,650	251	4,674	.62	2,418	1944.....	25,700	211	5,414	1.73	9,259
1934.....	18,350	199	3,648	.67	2,442	1945.....	28,230	232	6,563	2.03	13,322
1935.....	17,870	206	3,680	.76	2,814	1946.....	32,800	231	7,572	1.80	12,938
1936.....	20,320	233	4,735	.62	2,874	1947.....	31,150	194	6,038	2.39	14,323
1937.....	20,600	233	4,805	.73	3,518	1948.....	33,450	229	7,643	1.87	13,832
1938.....	22,560	241	5,447	.63	3,422	1949 <sup>4</sup> ..	35,050	239	8,379	1.87	15,612
1939.....	23,280	247	5,740	.86	4,917						

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 58,000 bushels in 1931, 115,000 in 1936, 68,000 bushels in 1944, 5,000 in 1945, 399,000 in 1946, 55,000 in 1947, 250,000 in 1948, and 51,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Approximately 25 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 378.

TABLE 334.—*Peppers, green, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	2,980	2,450	3,200	<sup>3</sup> 930	<sup>3</sup> 980	1,600	2.32	2.45	2.50
Spring: Florida.....	3,380	8,300	6,700	<sup>3</sup> 818	<sup>3</sup> 1,950	1,541	2.16	1.80	3.00
Early summer:									
Louisiana.....	1,360	1,850	1,850	<sup>3</sup> 241	352	<sup>3</sup> 342	1.65	1.80	2.60
Mississippi.....	400	1,100	1,100	55	107	138	1.40	1.70	1.70
Georgia.....	20			<sup>4</sup>			1.03		
North Carolina.....	2,520	3,400	3,600	383	476	486	1.17	2.00	1.55
South Carolina.....	90			13			1.17		
Total or average.....	4,380	6,350	6,550	694	935	966	1.36	1.89	1.91
Late summer:									
New Jersey.....	8,120	8,500	9,500	1,713	1,912	2,090	.90	1.30	1.00
California.....	2,280	2,600	2,200	677	910	935	1.43	2.00	1.55
Total or average.....	10,400	11,100	11,700	2,390	2,822	3,025	1.05	1.53	1.17
Fall:									
Virginia.....	<sup>4</sup> 720	1,600	2,400	<sup>4</sup> 174	352	432	<sup>4</sup> 1.95	1.20	1.00
Florida.....	1,650	850	1,100	<sup>3</sup> 365	170	220	2.03	4.45	2.00
Texas.....	2,590	2,800	3,400	426	434	595	1.28	2.60	1.40
Total or average.....	4,380	5,250	6,900	826	956	1,247	1.59	2.41	1.37
United States.....	25,530	33,450	35,050	5,658	7,643	8,379	1.49	1.87	1.87

<sup>1</sup> Preliminary.

<sup>2</sup> Approximately 25 pounds.

<sup>3</sup> Includes some quantities not marketed.

<sup>4</sup> Short-time average: Virginia, 1946-47.

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TABLE 335.—*Pimientos, commercial crop for processing: Acreage, yield, production, season average price per ton received by farmers, and value, California and Georgia, 1929-49*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	9,020	2.15	19,350	36.90	714	1940.....	15,490	0.84	13,030	27.65	360
1930.....	8,940	1.72	15,340	37.68	578	1941.....	12,740	.87	11,140	33.75	376
1931.....	6,740	1.34	9,050	33.15	300	1942.....	11,440	1.28	14,650	41.84	613
1932.....	8,910	1.72	15,340	31.10	477	1943.....	8,890	.96	8,570	50.06	429
1933.....	5,780	1.34	7,750	28.26	219	1944.....	6,460	1.33	8,580	55.13	473
1934.....	9,540	1.65	15,770	29.68	468	1945.....	8,880	1.42	12,650	60.00	759
1935.....	13,560	1.44	19,570	30.35	594	1946.....	13,770	1.68	23,160	60.10	1,392
1936.....	11,090	1.26	14,020	29.96	420	1947.....	16,670	1.18	19,630	60.00	1,178
1937.....	12,190	1.56	19,030	33.68	641	1948 <sup>1</sup> .....	14,300	1.25	17,880	70.00	1,252
1938.....	26,390	1.47	38,840	33.16	1,288	1949 <sup>1 2</sup> ...	24,500	.97	23,770	70.00	1,664
1939.....	22,090	1.05	23,210	28.13	653						

<sup>1</sup> Georgia only; California estimates discontinued.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1926-28 in Agricultural Statistics 1942, table 380.

TABLE 336.—*Potatoes: Production, farm disposition, and merchantable stocks, United States, 1940-49*

Crop of—	Production <sup>1</sup>	Farm disposition				Merchantable stocks on hand Jan. 1 of succeeding year <sup>3</sup>
		Fed to livestock, shrinkage, and loss after harvest	For farm household use	Used for seed on farms where grown <sup>2</sup>	Sold	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1940.....	375,774	28,948	62,180	25,896	<sup>4</sup> 258,750	111,272
1941.....	355,602	27,055	60,456	26,193	<sup>4</sup> 241,898	104,288
1942.....	370,489	23,565	58,853	27,411	<sup>4</sup> 260,660	100,780
1943.....	464,999	43,108	63,073	22,636	<sup>4</sup> 336,182	134,020
1944.....	383,134	24,729	51,431	20,672	<sup>4</sup> 286,302	103,880
1945.....	418,765	27,837	50,746	18,355	<sup>4</sup> 321,827	120,490
1946.....	484,174	30,180	50,205	15,767	<sup>4</sup> 388,022	152,170
1947.....	389,048	22,703	40,129	15,041	<sup>4</sup> 311,175	120,670
1948.....	454,654	27,952	38,574	12,914	<sup>4</sup> 375,214	135,880
1949 <sup>5</sup> .....	401,962	25,040	33,996	13,531	<sup>4</sup> 329,395	145,440

<sup>1</sup> These production figures are unrevised for the years 1940-44 and do not agree with similar data in other tables.<sup>2</sup> Relates to quantities used on farms where produced. Additional quantities of purchased potatoes are so utilized.<sup>3</sup> Merchantable stocks consist of potatoes held by growers, local dealers, and buyers on farms or near areas of production in the 37 late and intermediate States for sale or delivery after Dec. 31. They include potatoes held for sale or delivery to starch factories and other processors.<sup>4</sup> Sales for 1940 include 5,263,000 bushels of potatoes grading U. S. No. 2 or better, diverted to livestock feed under Government diversion program.<sup>5</sup> Includes all purchases by the Government under price support program.<sup>6</sup> Preliminary.

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TABLE 337.—Potatoes: Acreage, yield, production, value, and foreign trade, United States, 1929-49

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Whole-sale price per bushel at New York <sup>2</sup>	Foreign trade, year beginning July <sup>3</sup>		
								Domestic exports	Im-ports <sup>4</sup>	Net ex-ports or imports (-) <sup>5</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929		2,944	109.5	322,416						
1929	3,068	3,030	110.0	333,392	1.316	438,633	1.80	2,386	6,006	-3,521
1930	3,190	3,139	109.5	343,817	.912	313,609	1.18	1,548	5,729	-4,155
1931	3,550	3,490	110.1	384,317	.460	176,932	.65	816	1,493	-585
1932	3,639	3,568	105.0	374,692	.380	141,458	.64	973	440	534
1933	3,496	3,423	100.3	343,203	.824	282,939	1.18	721	2,102	-1,381
1934		3,682	112.6	408,420						
1934	3,789	3,599	112.9	406,482	.446	181,144	.58	1,218	532	686
1935	3,558	3,469	109.2	378,895	.593	224,509	1.06	1,790	864	926
1936	3,127	2,960	109.4	323,955	1.142	370,051	1.37	1,315	1,384	-69
1937	3,119	3,055	123.2	376,448	.529	199,086	.75	2,079	683	1,396
1938	2,944	2,870	124.0	355,848	.555	197,321	.88	2,703	1,014	1,689
1939		2,644	120.4	318,256						
1939	2,867	2,813	121.7	342,372	.698	238,058	1.15	2,519	1,874	645
1940	2,886	2,832	133.1	376,920	.541	203,748	.65	2,495	930	1,565
1941	2,749	2,693	132.1	355,697	.803	285,500	1.10	2,595	592	2,003
1942	2,755	2,671	138.1	368,899	1.16	428,432	1.48	1,278	1,120	158
1943	3,355	3,239	141.7	458,887	1.30	595,754	1.67	2,531	1,491	1,040
1944		2,637	140.5	366,547						
1944	2,885	2,786	137.6	383,424	1.49	569,433	1.95	2,097	9,126	-7,029
1945	2,766	2,700	155.1	418,765	1.43	597,686	1.80	14,025	1,803	12,222
1946	2,645	2,598	186.3	484,174	1.24	598,862	1.58	<sup>6</sup> 13,100	4,604	<sup>6</sup> 8,496
1947	2,136	2,101	185.2	389,048	1.62	628,646	2.02	16,669	3,462	13,207
1948	2,137	2,109	215.5	454,654	1.54	698,653	2.11	4,786	9,209	-4,423
1949 <sup>7</sup>	1,924	1,901	211.4	401,962	1.30	520,605	1.63			

<sup>1</sup> The following quantities were unharvested or not marketed and have been excluded in computing price and value (1,000 bushels): 1931-66; 1932-2,175; 1939-1,240; 1943-440. For 1946, the 1,504,000 bushels purchased by the Government under the price support program and left in the ground have been included in computing price and value.

<sup>2</sup> Prices of eastern potatoes, weighted by unloads, season September-May, from records of the Production and Marketing Administration.

<sup>3</sup> Compiled from reports of the Department of Commerce.

<sup>4</sup> General imports 1929-32; imports for consumption beginning 1933.

<sup>5</sup> The difference between total exports (domestic exports plus reexports) and total imports; beginning 1933 domestic exports minus imports for consumption, with net imports shown by a minus sign.

<sup>6</sup> Includes shipments under the Army Civilian Supply Program beginning January 1947.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 383.



TABLE 338.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949<sup>1</sup>

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
Early:	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	Dol- lars	Dol- lars	Dol- lars
North Carolina.....	83	70	61	110	149	129	9,128	10,430	7,869	1.11	1.61	1.35
South Carolina.....	25	16	15	110	88	110	2,684	1,408	1,650	1.27	1.82	1.93
Georgia.....	24	16	18	67	64	72	1,573	1,024	1,296	1.30	1.97	1.79
Florida.....	31.7	23.7	23.0	133	158	236	4,240	3,745	5,428	1.51	2.51	2.30
Tennessee.....	40	27	25	82	86	90	3,273	2,322	2,250	1.18	1.66	1.50
Alabama.....	48	35	33	91	104	104	4,382	3,640	3,432	1.05	1.71	1.82
Mississippi.....	25	17	16	67	71	70	1,676	1,207	1,120	1.15	1.96	2.26
Arkansas.....	40	26	26	82	91	80	3,262	2,366	2,080	1.17	1.71	1.61
Louisiana.....	44	24	21	59	59	59	2,580	1,416	1,239	1.16	1.91	1.91
Oklahoma.....	26	14	11	69	73	74	1,775	1,022	814	1.12	1.82	1.71
Texas.....	52	44	38	85	99	97	4,419	4,356	3,686	1.42	1.95	1.70
California <sup>1</sup> .....	51	80	66	334	405	455	17,430	32,400	30,030	1.09	1.60	1.35
Total.....	488.9	392.7	353.0	116.0	166.4	172.5	56,422	65,336	60,894	1.17	1.72	1.55
Intermediate:												
New Jersey.....	61	59	47	178	231	182	10,793	13,629	8,554	1.06	1.46	1.27
Delaware.....	3.9	3.0	3.5	86	96	140	332	288	490	1.30	1.74	1.56
Maryland.....	18.9	15.0	13.8	109	131	115	2,037	1,965	1,587	1.22	1.66	1.51
Virginia.....	72	63	54	123	183	169	8,808	11,529	9,126	1.17	1.66	1.42
Kentucky.....	42	31	30	91	82	91	3,750	2,542	2,730	1.22	1.69	1.41
Missouri.....	35	23	19	107	136	128	3,792	3,128	2,432	1.07	1.56	1.49
Kansas.....	22	12	11.6	93	123	96	2,084	1,476	1,114	1.00	1.35	1.18
Arizona.....	4.0	5.3	4.3	202	330	295	914	1,749	1,268	1.34	1.92	2.05
Total.....	258.6	211.3	183.2	126.7	171.8	149.0	32,509	36,306	27,301	1.12	1.58	1.41
Surplus late:												
Maine.....	179	193	149	292	385	450	52,758	74,305	67,050	.97	1.52	1.00
New York, Long Island.....	60	61	54	251	310	230	15,108	18,910	12,420	1.18	1.51	1.13
New York, up- State.....	129	85	76	123	225	240	15,450	19,125	18,240	1.18	1.51	1.13
Pennsylvania.....	153	105	103	128	185	186	19,275	19,425	19,158	1.30	1.69	1.32
Total.....	521	444	382	198.1	296.8	305.9	102,591	131,765	116,868	1.09	1.54	1.09
Michigan.....	183	109	104	105	150	165	19,054	16,350	17,160	1.10	1.40	1.22
Wisconsin.....	153	87	80	88	150	170	13,292	13,050	13,600	1.06	1.57	1.41
Minnesota.....	196	108	100	98	160	160	18,648	17,280	16,000	.95	1.40	1.19
North Dakota.....	151	125	109	117	160	170	17,787	20,000	18,530	.86	1.39	1.14
South Dakota.....	30	22	18	78	125	56	2,390	2,750	1,008	1.13	1.92	1.72
Total.....	713	451	411	101.4	153.9	161.3	71,172	69,430	66,298	.993	1.45	1.24
Nebraska.....	73	53	52	142	195	170	10,329	10,335	8,840	.97	1.31	1.21
Montana.....	16	16	15	117	160	140	1,884	2,560	2,100	1.22	1.64	1.60
Idaho.....	150	150	144	234	300	240	35,048	45,000	34,560	.79	1.18	1.09
Wyoming.....	13.9	12.0	11.0	154	190	170	2,087	2,280	1,870	1.10	1.63	1.75
Colorado.....	78	78	66	198	275	275	15,506	21,450	18,150	1.03	1.59	1.37
Utah.....	14.9	15.1	15.4	173	210	195	2,579	3,171	3,003	1.07	1.57	1.36
Nevada.....	2.7	1.8	1.8	192	200	190	515	360	342	1.25	1.78	1.48
Washington.....	38	40	36	222	315	280	8,449	12,600	10,080	1.11	1.43	1.39
Oregon.....	42	41	41	227	310	290	9,569	12,710	11,890	1.20	1.49	1.27
California <sup>1</sup> .....	37	41	45	312	365	360	11,418	14,965	16,200	1.22	1.66	1.61
Total.....	465.8	447.9	427.2	208.7	280.0	250.6	97,385	125,431	107,035	.987	1.40	1.30
Total surplus late.....	1,700.1	1,342.9	1,220.2	160.8	243.2	237.8	271,147	326,626	290,201	1.02	1.47	1.20

See footnotes at end of table.

TABLE 338.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949<sup>1</sup>—Continued

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	Dol- lars	Dol- lars	Dol- lars
Other late:												
New Hampshire	7.1	4.5	4.3	160	215	225	1,120	968	968	1.45	1.96	1.58
Vermont	11.3	7.0	6.1	136	185	185	1,519	1,295	1,128	1.45	1.88	1.59
Massachusetts	19.4	16.5	13.9	155	215	205	2,997	3,548	2,850	1.42	1.87	1.67
Rhode Island	5.7	6.8	5.8	200	215	200	1,148	1,462	1,160	1.37	1.83	1.65
Connecticut	17.4	14.6	12.8	192	225	230	3,315	3,285	2,944	1.40	1.89	1.58
West Virginia	31	22	20	101	95	100	3,062	2,090	2,000	1.39	1.97	1.82
Ohio	78	41	38	113	165	165	8,600	6,765	6,270	1.41	1.84	1.58
Indiana	41	23	20	121	180	195	4,756	4,140	3,900	1.36	1.77	1.70
Illinois	28	11	10	87	103	100	2,458	1,133	1,000	1.42	1.98	1.78
Iowa	41	13	11	98	110	100	4,062	1,430	1,100	1.30	1.89	1.79
New Mexico	3.7	3.0	3.0	78	90	82	290	270	246	1.31	1.67	1.60
Total	282.6	162.4	144.9	120.5	162.5	162.6	33,326	26,386	23,566	1.38	1.86	1.65
29 late States	1,982.7	1,505.3	1,365.1	155.4	234.5	229.8	304,473	353,012	313,767	1.06	1.50	1.24
37 late and inter- mediate States	2,241.3	1,716.6	1,548.3	152.0	226.8	220.3	336,982	389,318	341,068	1.07	1.51	1.25
United States	2,730.3	2,109.3	1,901.3	145.5	215.5	211.4	393,403	454,654	401,962	1.08	1.54	1.30

<sup>1</sup> Early and late crops shown separately for California; total crop shown for all other States.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 339.—Potatoes, early commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-49<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Pro- duc- tion <sup>2</sup>	Price	Farm value <sup>3</sup>	Year	Acreage for harvest	Yield per acre	Pro- duc- tion <sup>2</sup>	Price	Farm value <sup>3</sup>
	Acres	Bu- shels <sup>4</sup>	1,000 bushels <sup>4</sup>	Dollars	1,000 dollars		Acres	Bu- shels <sup>4</sup>	1,000 bushels <sup>4</sup>	Dollars	1,000 dollars
1929	275,500	132	36,402	1.28	46,471	1940	321,800	158	50,748	0.67	33,991
1930	329,200	134	44,096	1.12	49,372	1941	343,800	143	49,303	.67	33,115
1931	350,400	133	46,559	.63	29,294	1942	314,700	154	48,471	1.15	55,649
1932	280,900	122	34,137	.59	20,131	1943	377,100	163	61,442	1.46	89,638
1933	263,400	121	31,991	1.03	32,965	1944	375,700	140	52,574	1.51	79,230
1934	321,000	136	43,707	.56	24,260	1945	358,000	182	65,247	1.67	109,141
1935	282,800	139	39,333	.51	20,133	1946	384,500	223	85,863	1.28	110,115
1936	278,900	136	37,931	1.33	50,415	1947	304,800	218	66,491	1.54	102,604
1937	351,500	145	51,091	.63	32,161	1948	319,800	240	76,720	1.64	125,705
1938	323,300	159	51,453	.55	28,486	1949 <sup>4</sup>	265,800	250	66,357	1.47	97,585
1939	321,200	145	46,617	.71	32,000						

<sup>1</sup> These data are included in table 337 on total potatoes.<sup>2</sup> Includes the following quantities not harvested or not marketed and excluded in computing value: 66,000 bushels in 1931, 71,000 in 1937, and 1,240,000 in 1939.<sup>3</sup> Value is for marketing season and should not be confused with calendar-year income.<sup>4</sup> 60 pounds.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 385.

TABLE 340.—Potatoes, early commercial crop: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949<sup>1</sup>

Group and State	Acreage			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
Winter:												
Texas.....	<i>Acres</i> 1,890	<i>Acres</i> 800	<i>Acres</i> 800	<i>Bush- els</i> <sup>3</sup> 53	<i>Bush- els</i> <sup>3</sup> 58	<i>Bush- els</i> <sup>3</sup> 60	<i>1,000 bushels</i> <sup>3</sup> 95	<i>1,000 bushels</i> <sup>3</sup> 46	<i>1,000 bushels</i> <sup>3</sup> 48	<i>Dol- lars</i> 1.50	<i>Dol- lars</i> 1.80	<i>Dol- lars</i> 2.10
Florida.....	10,510	7,300	8,700	146	205	265	1,554	1,496	2,306	1.74	2.70	2.35
Total or average.....	12,400	8,100	9,500	132	190	248	1,649	1,542	2,354	1.72	2.67	2.34
Early spring:												
Florida.....	17,510	13,400	11,900	137	150	247	2,396	2,016	2,944	1.36	2.35	2.26
Hastings.....	12,370	10,200	9,900	146	160	255	1,796	1,632	2,524	1.39	2.50	2.25
Other.....	5,140	3,200	2,000	115	120	210	600	384	420	1.30	1.70	2.30
Texas.....	9,600	13,500	10,000	88	85	105	838	1,148	1,050	1.82	2.70	1.95
Total or average.....	27,110	26,900	21,900	120	118	182	3,234	3,164	3,994	1.48	2.48	2.18
Late spring:												
California.....	50,600	80,000	66,000	334	405	455	17,430	32,400	30,030	1.09	1.60	1.35
Louisiana.....	24,200	12,000	9,500	68	70	71	1,663	840	674	1.14	1.90	1.90
Mississippi.....	3,790	1,100	800	85	85	80	323	94	64	.98	1.65	1.90
Alabama.....	24,520	18,000	14,400	117	140	150	2,826	2,520	2,160	1.03	1.65	1.80
Georgia.....	2,850	1,100	1,100	112	90	150	301	99	165	1.16	1.85	1.85
South Carolina.....	13,700	8,000	6,500	142	100	160	1,906	800	1,040	1.22	1.75	1.95
Texas.....	8,590	7,700	7,300	65	75	80	548	578	584	1.21	1.85	1.70
Oklahoma.....	3,670	900	1,400	91	105	140	343	94	196	.96	1.75	1.70
Arkansas.....	5,280	3,900	3,500	90	100	85	468	390	298	1.02	1.65	1.45
Tennessee.....	4,640	4,400	4,000	115	105	120	532	462	480	1.04	1.55	1.40
North Carolina.....	34,150	30,000	24,000	148	215	210	5,047	6,450	5,040	1.08	1.60	1.35
Total or average.....	175,990	167,100	138,500	177	268	294	31,386	44,727	40,731	1.09	1.62	1.41
Summer:												
Virginia.....	39,450	35,800	29,000	149	239	234	5,856	8,557	6,785	1.14	1.65	1.40
Norfolk District.....	8,440	7,800	5,600	158	206	230	1,333	1,607	1,288	1.14	1.63	1.30
Eastern Shore.....	29,550	27,000	22,700	147	250	236	4,333	6,750	5,357	1.15	1.66	1.43
Other.....	1,460	1,000	700	134	200	200	190	200	140	1.13	1.61	1.25
Maryland.....	5,810	5,800	5,000	140	170	150	821	986	750	1.18	1.60	1.45
Kentucky.....	3,910	3,700	3,500	138	120	150	533	444	525	1.12	1.60	1.25
Missouri.....	4,420	2,500	2,000	168	225	200	754	562	400	.98	1.50	1.45
Kansas.....	7,190	3,200	3,100	151	210	180	1,078	672	558	.95	1.30	1.15
Nebraska.....	5,260	4,000	3,400	225	325	240	1,182	1,300	816	.93	1.40	1.25
Texas.....	<sup>4</sup> 7,220	<sup>4</sup> 7,200	<sup>4</sup> 5,400	<sup>5</sup> 213	<sup>5</sup> 230	<sup>5</sup> 210	<sup>5</sup> 1,547	<sup>5</sup> 1,656	<sup>5</sup> 1,134	<sup>5</sup> 1.16	<sup>5</sup> 1.50	<sup>5</sup> 1.45
Georgia.....	1,760	1,500	1,500	109	100	93	192	150	140	1.26	1.90	1.60
New Jersey.....	52,690	54,000	43,000	186	240	190	9,745	12,960	8,170	1.05	1.45	1.30
Total or average.....	126,990	117,700	95,900	170	232	201	21,552	27,287	19,278	1.07	1.52	1.35
United States.....	342,490	319,800	265,800	168	240	250	57,821	76,720	66,357	1.12	1.64	1.47

<sup>1</sup> The States or sections are listed in the order of the usual harvesting time. Data in this table are included in table 338 on total potatoes.<sup>2</sup> Preliminary.<sup>3</sup> 60 pounds.<sup>4</sup> Includes 1,240,000 bushels not harvested or not marketed in 1939 and excluded in computing value.<sup>5</sup> Average 1939-47.

Bureau of Agricultural Economics.

TABLE 341.—Potatoes: Acreage, yield, and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949 <sup>1</sup>

Continent and country	Acreage				Yield per acre				Production			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>North America:</b>												
Canada (Incl. Newfoundland and Labrador).....	536	547	530	521	124	136	177	174	66,572	74,495	93,970	90,697
El Salvador.....	1	1	2	2	22	32	51	50	22	32	102	100
Guatemala.....	9	10	12	10	43	46	42	47	383	463	500	467
Honduras.....	3	3	4	4	20	17	38	39	60	50	152	155
Mexico.....	37	60	69	74	69	65	68	67	2,547	3,892	4,703	4,960
Panama, Republic of.....	1	1	1	1	40	60	69	70	40	60	69	70
United States.....	3,033	2,844	2,109	1,901	117	137	216	211	355,504	388,765	454,654	401,962
Bermuda.....	2	2	1	1	40	45	37	40	79	90	37	40
Cuba.....	20	14	30	23	95	128	117	137	1,894	1,792	3,516	3,144
Dominican Republic.....	2	3	3	3	48	30	24	17	96	89	72	51
Jamaica.....	2	2	3	3	30	39	27	27	60	77	80	80
Puerto Rico.....	1	1	1	1	23	25	24	25	23	25	24	25
<b>Total.....</b>	<b>3,647</b>	<b>3,488</b>	<b>2,765</b>	<b>2,544</b>	<b>117</b>	<b>135</b>	<b>202</b>	<b>197</b>	<b>427,280</b>	<b>469,830</b>	<b>557,879</b>	<b>501,751</b>
<b>Europe:</b>												
Albania.....	1	2	3	3	55	50	56	50	82	100	168	150
Austria.....	507	443	445	470	206	182	178	172	104,632	80,707	79,200	80,800
Belgium.....	383	258	218	220	305	291	360	342	116,872	75,030	78,376	75,219
Bulgaria.....	46	78	40	40	90	86	95	88	4,145	6,693	3,800	3,500
Czechoslovakia.....	1,767	1,761	1,362	1,404	200	146	177	167	354,022	257,865	241,698	234,610
Denmark.....	188	219	342	264	254	258	316	250	47,668	56,480	107,952	65,918
Finland.....	213	164	256	215	228	209	280	179	48,624	34,326	71,666	38,493
France.....	3,786	3,015	3,087	2,772	167	137	212	145	631,067	413,362	654,031	401,900
Germany:												
Western Zone.....	2,871	2,671	2,844	2,777	250	257	304	276	718,086	685,425	865,200	767,000
Eastern Zone.....	2,000	1,900	2,020	2,000	250	266	226	220	501,000	505,000	456,000	441,000
Greece.....	53	54	71	89	100	60	165	132	5,308	3,218	11,739	11,780
Hungary.....	729	896	696	700	109	109	141	136	79,637	97,657	98,454	95,000
Iceland.....	2	2	2	2	142	150	147	145	284	435	294	290
Ireland.....	328		385	350	300	293	318	287	98,288	119,713	122,282	100,552
Italy.....	993	1,046	1,003	964	96	93	110	100	95,520	97,535	110,763	95,974
Luxembourg.....	42	27	22	20	189	205	260	148	7,929	5,522	5,726	2,968
Malta and Gozo.....	9	6	7	7	123	85	71	70	1,104	508	494	490

Netherlands.....	323	448	548	456	312	308	394	371	100,744	137,987	215,683	169,207
Norway.....	127	175	160	149	259	247	334	267	32,830	43,158	53,443	39,742
Poland and Danzig.....	6,800	6,500	6,120	6,100	205	181	161	161	1,397,000	1,176,000	983,000	980,000
Portugal.....	77	148	219	207	270	192	177	129	20,777	28,398	37,414	26,760
Rumania.....	381	493	441	440	126	112	102	91	48,073	55,355	45,000	40,000
Spain.....	1,125	1,090	1,059	1,125	152	126	104	105	170,977	137,500	110,000	118,000
Sweden.....	326	346	365	334	204	208	229	177	66,631	72,100	83,646	59,010
Switzerland.....	118	182	152	131	221	289	276	224	26,126	52,651	41,939	29,395
United Kingdom.....	720	1,213	1,548	1,313	254	263	285	249	182,859	318,976	440,459	327,413
Yugoslavia.....	704	727	775	771	88	105	93	89	61,935	76,042	71,888	68,784
Total (excl. U.S.S.R.).....	24,619	24,272	24,190	23,323	200	187	206	183	4,922,220	4,537,743	4,990,315	4,273,955
U.S.S.R. (Europe and Asia).....	20,203	21,000	22,486	23,400	134	133	128	126	2,713,054	2,800,000	2,880,677	2,800,000
Asia:												
Cyprus.....	7	7	11	9	137	120	147	148	958	843	1,619	1,334
Lebanon.....	( <sup>4</sup> )	( <sup>4</sup> )	11	10	( <sup>4</sup> )	( <sup>4</sup> )	122	147	( <sup>4</sup> )	( <sup>4</sup> )	1,345	1,470
Palestine.....	2	4	10	10	134	240	130	130	269	962	1,300	1,300
Syria.....	<sup>5</sup> 17	<sup>5</sup> 13	8	10	<sup>5</sup> 90	<sup>5</sup> 143	74	92	<sup>5</sup> 1,531	<sup>5</sup> 1,853	588	919
Turkey.....	135	176	159	148	49	62	107	99	6,645	10,946	16,974	14,641
Japan.....	388	467	558	544	165	152	143	142	64,101	70,818	80,027	77,161
North Korea.....	240	343	373	370	76	69	95	80	18,300	23,700	35,576	33,000
South Korea.....	47	110	123	119	164	73	68	65	7,709	8,000	8,310	7,778
Indonesia.....	27	17	18	18	72	60	56	56	1,941	1,025	1,000	1,000
Philippines, Republic of.....	1	1	1	1	70	70	60	70	9	8	8	8
Total.....	864	1,138	1,272	1,239	117	104	115	112	101,463	118,155	146,747	138,611
South America:												
Argentina.....	311	472	445	457	85	93	70	97	26,523	43,741	31,085	44,533
Brazil.....	168	219	363	408	94	82	74	74	15,775	17,973	26,745	30,000
Chile.....	121	132	130	128	129	129	151	144	15,622	17,047	19,597	18,372
Colombia.....	167	221	240	240	81	67	73	75	13,467	14,786	17,637	18,000
Ecuador.....	62	62	62	62	66	69	44	48	4,073	4,280	2,704	3,000
Peru.....	400	347	464	544	75	69	87	88	30,157	24,045	40,375	47,766
Uruguay.....	18	25	22	22	63	54	68	68	1,135	1,345	1,499	1,500
Venezuela.....	16	30	10	12	24	28	44	56	390	827	444	666
Total.....	1,263	1,508	1,736	1,873	85	82	81	87	107,142	124,044	140,086	163,837

See footnotes at end of table.

TABLE 341.—Potatoes: Acreage, yield, and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949 <sup>1</sup>  
—Continued

Continent and country	Acreage				Yield per acre				Production			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>Africa:</b>												
Algeria.....	44	38	80	82	105	91	75	81	4,627	3,453	6,029	6,605
Belgian Congo.....	3	6	7	7	96	52	71	71	288	313	500	500
Egypt.....	10	21	34	35	172	117	261	229	1,719	2,461	8,885	8,000
Eritrea.....	1	2	2	2	36	36	38	38	6	73	75	75
Madagascar.....	31	29	48	45	52	61	44	44	1,615	1,764	2,109	2,000
Mauritius.....	1	1	1	1	131	75	100	100	31	24	100	100
Mozambique.....	2	2	1	1	78	86	122	120	78	91	122	120
Nigeria and Cameroons.....	2	2	1	1	30	37	37	40	21	54	37	40
Southern Rhodesia.....	3	4	4	4	85	94	94	100	254	376	375	400
Tunisia.....	6	4	6	6	66	113	50	50	393	451	300	300
Union of South Africa.....	89	90	165	170	70	69	54	63	6,204	6,252	8,868	10,500
Total.....	192	199	349	354	79	77	79	81	15,236	15,312	27,400	28,640
<b>Oceania:</b>												
Australia.....	114	157	120	130	113	131	143	146	12,900	20,578	17,216	19,000
New Zealand.....	21	23	19	18	221	198	215	249	4,651	4,554	4,093	4,480
Total.....	135	180	139	148	130	140	153	158	17,551	25,132	21,309	23,480
World Total.....	50,923	51,785	52,937	52,881	163	156	166	150	8,303,946	8,090,216	8,764,413	7,930,274

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere. Averages are for years stated or for the nearest comparable period.

<sup>2</sup> Preliminary. <sup>3</sup> Not comparable with later years which apparently include small farms and gardens.

<sup>4</sup> Included with Syria.

<sup>5</sup> Includes Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States Foreign Service officers, results of office research and other information.

TABLE 342.—Potatoes: United States production of certified seed, by varieties, average 1938-47, annual 1941-49

Variety	Average 1938-47	1941	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Katahdin.....	4,213	2,098	2,972	4,681	4,443	4,917	8,358	11,293	13,404	15,862
Triumph.....	4,530	3,786	3,851	5,664	5,552	6,197	5,560	5,771	6,465	5,626
Cobbler.....	7,065	4,551	5,911	7,808	8,224	8,567	12,227	10,270	7,514	5,471
Chippewa.....	1,319	649	1,300	1,253	1,847	1,504	1,800	2,844	3,449	5,187
White Rose.....	1,487	830	412	1,118	1,537	2,196	3,748	3,434	3,992	3,729
Russet Burbank <sup>2</sup> .....	1,457	783	760	1,485	1,783	2,985	2,492	2,250	3,466	3,300
Green Mountain.....	3,038	2,781	2,393	3,126	4,318	3,377	3,486	3,312	3,327	2,439
Pontiac.....	<sup>3</sup> 275	( <sup>4</sup> )	( <sup>4</sup> )	129	252	328	414	253	938	1,230
Dakota Chief.....	<sup>3</sup> 29	0	0	0	0	0	0	29	497	1,048
Red McClure.....	<sup>3</sup> 597	( <sup>4</sup> )	( <sup>4</sup> )	330	696	539	568	852	1,030	1,014
Sebago <sup>6</sup> .....	<sup>3</sup> 1,152	481	994	1,617	1,833	1,239	1,609	1,258	1,517	940
Russet Rural.....	511	429	416	489	537	563	764	627	490	377
Teton.....	<sup>3</sup> 27	0	0	0	0	4	8	69	221	349
Red Warba.....	<sup>3</sup> 297	( <sup>4</sup> )	( <sup>4</sup> )	157	250	192	338	546	493	322
Ontario.....	<sup>3</sup> 12	0	0	0	0	3	14	19	78	252
Sequoia <sup>6</sup> .....	<sup>3</sup> 92	20	38	148	206	98	110	116	178	240
Essex.....	<sup>3</sup> 4	0	0	0	0	0	0	4	32	190
Mohawk.....	<sup>3</sup> 25	0	0	0	0	4	30	41	94	188
Early Ohio.....	280	291	174	251	238	130	168	503	284	117
Progress.....	0	0	0	0	0	0	0	0	20	75
Russet Sebago.....	<sup>3</sup> 4	0	0	0	0	0	1	6	17	64
Houma <sup>6</sup> .....	<sup>3</sup> 163	268	276	204	195	107	69	118	94	61
Rural New Yorker <sup>5</sup> .....	83	111	90	83	74	35	41	30	42	60
Burbank.....	89	82	66	184	213	67	23	45	48	38
Warba.....	<sup>3</sup> 98	( <sup>4</sup> )	( <sup>4</sup> )	170	112	67	40	101	37	37
Kennebec.....	0	0	0	0	0	0	0	0	( <sup>7</sup> )	25
Satapa.....	0	0	0	0	0	0	0	3	7	20
Cayuga.....	0	0	0	0	0	0	0	0	0	20
Other varieties.....	498	372	839	174	187	183	592	671	583	147
Total.....	26,331	17,532	20,492	29,071	32,497	33,291	42,407	44,294	48,317	48,428

<sup>1</sup> Preliminary.<sup>2</sup> Also called Netted Gem.<sup>3</sup> Short-time average.<sup>4</sup> Included in "Other varieties."<sup>5</sup> Also called White Rural or Smooth Rural.<sup>6</sup> Some of the production prior to 1940 may be included in "Other varieties."<sup>7</sup> Less than 500 bushels.

Bureau of Agricultural Economics. See table 344 for data on a State basis. Data for war-approved seed potatoes 1943-45 in Agricultural Statistics, 1948, tables 333 and 336.

TABLE 343.—Potatoes: Canadian production of certified seed in New Brunswick, Nova Scotia, and Prince Edward Island, by varieties, average 1938-47, annual 1941-49

Variety	Average 1938-47	1941	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Cobbler.....	1,785	1,015	1,191	737	1,908	1,970	2,788	2,576	2,220	2,419
Green Mountain.....	2,109	1,283	1,394	851	1,533	2,404	3,134	3,182	2,267	3,440
Katahdin.....	1,296	849	884	1,091	1,627	1,365	2,425	3,206	5,174	8,330
Chippewa.....	7	9	6	4	3	7	7	9	8	44
Sebago.....	<sup>2</sup> 844	( <sup>3</sup> )	( <sup>3</sup> )	206	274	552	1,601	1,585	1,492	2,657
Other varieties.....	431	383	361	301	332	249	562	515	441	626
Total.....	6,050	3,539	3,836	3,190	5,677	6,547	10,517	11,073	11,602	17,516

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.<sup>3</sup> Included in "Other varieties."

Bureau of Agricultural Economics. Obtained from official reports of Canadian seed-potato certifying agencies.

TABLE 344.—Potatoes: Production of certified seed, by States, and United States imports, average 1938-47, annual 1941-49

State	Aver- 1938-47	1941	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	11,457	7,693	9,509	13,067	14,782	11,625	18,240	20,553	21,645	23,371
New Hampshire.....	34	46	38	46	40	43	24	37	51	16
Vermont.....	116	108	97	168	148	67	123	130	196	312
New York.....	884	617	781	1,025	1,149	1,244	1,434	1,292	1,598	1,751
New Jersey.....	61	60	103	53	46	38	40	30	36	31
Pennsylvania.....	251	242	211	308	298	192	368	311	459	525
Ohio.....	( <sup>2</sup> )			1	1	1				
Michigan.....	400	324	344	423	430	547	588	442	350	416
Wisconsin.....	524	177	247	219	540	787	1,064	1,403	1,505	1,777
Minnesota.....	2,872	2,122	2,412	3,505	3,880	3,535	3,920	4,593	4,689	5,114
Iowa.....								77		60
North Dakota.....	3,989	2,282	3,282	5,084	4,512	6,067	6,661	6,179	6,184	5,303
South Dakota.....	559	276	406	887	952	1,241	530	884	1,20	347
Nebraska.....	786	1,067	485	483	630	1,231	1,214	676	787	794
Maryland.....	32	18	35	43	35	35	44	24	11	21
North Carolina.....	15	11	18	34	38	10	12	23	74	66
Georgia.....	3	1		1	3					
Kentucky.....	3	2	5	2	5	3	4	3	3	7
Tennessee.....	41	38	51	37	31	49	51	55	70	94
Louisiana.....	11	7	83							
Montana.....	281	221	204	289	344	409	375	473	607	542
Idaho.....	643	368	262	450	776	1,468	1,381	884	1,408	1,611
Wyoming.....	340	275	226	185	287	350	550	295	178	158
Colorado.....	937	458	972	751	1,212	1,116	1,302	1,526	1,843	1,747
New Mexico.....	2					8	8			6
Arizona.....	( <sup>2</sup> )									
Utah.....	115	58	55	61	60	173	251	242	277	235
Washington.....	325	440	165	248	321	282	491	384	287	182
Oregon.....	610	562	372	516	674	744	935	1,035	1,288	804
California.....	1,035	59	129	1,185	1,303	2,026	2,797	2,743	3,566	3,138
United States.....	26,331	17,532	20,492	29,071	32,497	33,291	42,407	44,294	48,317	48,428
Imports of certified seed from Canada.....	1,403	745	770	1,056	1,941	2,135	2,078	2,434	4,098	7,287

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 bushels.<sup>3</sup> Short-time average.

Bureau of Agricultural Economics. Compiled from reports of State seed-potato certifying agencies. Imports from Foreign Commerce and Navigation of the U. S. Department of Commerce. See table 342 for data on a variety basis. Data for war-approved seed potatoes 1943-45 in Agricultural Statistics, 1948, tables 333 and 336.



TABLE 345.—*Potato futures: Volume of trading and annual average of month-end open contracts, by contract markets, and highest and lowest prices per 100 pounds, New York Mercantile Exchange, 1940-49*

Year	Volume of trading			Average of open contracts			New York Mercantile Exchange price <sup>1</sup>	
	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Highest	Lowest
	Carlots <sup>2</sup>	Carlots <sup>2</sup>	Carlots <sup>2</sup>	Carlots <sup>2</sup>	Carlots <sup>2</sup>	Carlots <sup>2</sup>	Dollars	Dollars
1940.....	41	—	41	2	—	2	—	—
1941.....	7,926	<sup>3</sup> 5	7,931	437	( <sup>4</sup> )	437	—	—
1942.....	6,352	585	6,937	503	69	572	2.73	1.85
1943.....	1,187	202	1,389	122	12	134	2.94	2.20
1944.....	703	339	1,042	52	31	83	3.25	2.40
1945.....	533	80	613	43	8	51	3.25	2.40
1946.....	289	15,897	16,186	44	1,537	1,581	3.35	2.00
1947.....	25	19,376	19,401	1	1,345	1,346	4.16	2.30
1948.....	4	19,809	19,813	2	1,058	1,060	4.02	2.54
1949.....	43	8,771	8,814	4	793	797	4.76	2.00

<sup>1</sup> Maine U. S. Standard No. 1 A. Highest and lowest prices on the Chicago Mercantile Exchange, 1938-47 in Agricultural Statistics, 1948, table 337.

<sup>2</sup> Ranging between 36,000 and 45,000 pounds at Chicago and between 40,000 and 50,000 pounds at New York.

<sup>3</sup> Trading began Dec. 2, 1941.

<sup>4</sup> Less than 1 carlot.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the New York Mercantile Exchange.

TABLE 346.—*Shallots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Louisiana, 1937-49*

Year	Acreage for harvest	Yield per acre	Pro-duction	Price	Farm value <sup>1</sup>	Year	Acreage for harvest	Yield per acre	Pro-duction	Price	Farm value <sup>1</sup>
	Acres	Bush-els <sup>2</sup>	1,000 bushels <sup>3</sup>	Dollars	1,000 dollars		Acres	Bush-els <sup>2</sup>	1,000 bushels <sup>2</sup>	Dollars	1,000 dollars
1937.....	6,000	120	721	0.71	512	1944.....	4,000	85	339	2.37	805
1938.....	5,700	86	490	1.06	520	1945.....	4,900	124	609	1.66	1,011
1939.....	5,400	125	<sup>3</sup> 674	.50	316	1946.....	5,400	124	668	1.90	1,269
1940.....	4,700	127	596	.65	390	1947.....	4,700	94	443	1.99	832
1941.....	4,100	121	495	.93	459	1948.....	4,800	106	509	1.64	836
1942.....	5,200	131	682	.83	564	1949 <sup>4</sup> .....	4,500	86	386	1.76	680
1943.....	5,000	90	450	1.49	671						

<sup>1</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>2</sup> 5 dozen bunches (approximately 25 pounds).

<sup>3</sup> Includes 48,000 bushels not marketed and excluded in computing value.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 347.—*Spinach, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-49*

Year	For fresh market <sup>1</sup>					For processing <sup>4</sup>				
	Acreage for harvest	Yield per acre	Pro-duction <sup>2</sup>	Price	Farm value <sup>3</sup>	Acreage harvested	Yield per acre	Pro-duction	Price	Farm value <sup>3</sup>
	<i>Acres</i>	<i>Bushels <sup>5</sup></i>	<i>1,000 bushels <sup>5</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	53,690	300	16,110	0.49	6,280	18,170	5.33	96,900	16.76	1,624
1930.....	46,130	263	12,147	.52	6,333	9,350	4.11	38,400	14.79	568
1931.....	51,870	284	14,736	.42	6,126	7,850	4.42	34,700	12.82	445
1932.....	52,570	264	13,877	.45	6,274	5,540	3.70	20,500	12.98	266
1933.....	66,920	195	13,041	.37	4,827	10,100	3.52	36,000	12.03	433
1934.....	60,970	230	14,044	.42	5,836	15,290	2.70	41,300	11.86	490
1935.....	61,970	208	12,881	.55	7,088	15,180	3.51	53,300	12.35	658
1936.....	81,520	191	15,596	.42	6,505	27,020	2.35	63,400	13.31	844
1937.....	75,740	218	16,525	.36	5,991	29,720	2.18	64,800	14.21	921
1938.....	70,090	207	14,491	.38	5,466	22,420	1.89	42,300	15.37	650
1939.....	63,750	225	14,345	.37	5,236	19,860	2.69	53,400	16.55	884
1940.....	64,900	221	14,320	.48	6,815	21,340	2.05	43,700	19.93	871
1941.....	63,050	206	13,003	.51	6,626	19,940	2.25	44,900	24.03	1,079
1942.....	70,780	209	14,818	.61	9,050	46,240	2.47	114,400	38.72	4,429
1943.....	74,150	201	14,932	.96	14,310	39,030	2.10	82,000	53.00	4,346
1944.....	73,350	203	14,854	.81	11,635	44,100	2.42	106,900	49.91	5,335
1945.....	66,220	218	14,410	.91	13,045	35,960	2.48	89,300	50.67	4,525
1946.....	67,450	204	13,783	.79	10,869	36,020	2.45	88,400	42.57	3,763
1947.....	61,980	197	12,241	.91	11,129	24,060	2.31	55,500	39.14	2,172
1948.....	59,060	212	12,519	.92	10,932	20,750	2.32	47,800	44.69	2,137
1949 <sup>6</sup> .....	54,470	213	11,581	.99	11,318	33,180	2.56	84,900	39.11	3,322

<sup>1</sup> Mostly for fresh market but includes some quantities for processing except in the 6 States for which processing estimates are made.

<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 3,195,000 bushels in 1929, 19,000 in 1931, 31,000 in 1932, 100,000 in 1939, 38,000 in 1940, 464,000 in 1944, 16,000 in 1946, 72,000 in 1947, 646,000 in 1948, and 195,000 in 1949.

<sup>3</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>4</sup> 6 States only: Texas, California, Virginia, Maryland, Arkansas, and Oklahoma.

<sup>5</sup> Approximately 18 pounds.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 397.

TABLE 348.—*Spinach, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For fresh market: <sup>2</sup>									
Winter:									
Texas.....	37,870	32,900	28,000	<sup>3</sup> 5,103	<sup>4</sup> 4,160	<sup>3</sup> 3,220	0.69	1.15	1.50
Louisiana.....	1,090	700	650	95	49	46	88	1.45	1.50
California.....	3,520	4,600	4,500	1,564	1,656	1,755	.58	.65	.75
Total or average.....	42,500	37,300	33,150	6,766	5,865	5,021	.67	1.00	1.24
Spring:									
Washington.....	550	800	820	<sup>3</sup> 248	<sup>4</sup> 384	492	.52	.90	.75
Virginia.....	2,590	1,100	900	842	396	360	.63	.85	1.20
Maryland.....	710	600	440	158	144	88	.70	1.10	1.00
Missouri.....	930	700	700	208	210	182	.55	.70	.80
Arkansas.....	630	300	300	111	54	58	.77	.70	.90
Oklahoma.....	540	700	900	91	94	189	.46	.65	.70
New Jersey.....	1,710	1,600	1,700	618	608	612	.65	.90	.85
Pennsylvania.....	2,140	2,200	1,900	661	660	475	.69	.85	.75
Illinois.....	740	650	600	164	130	114	.71	1.05	.95
Total or average.....	10,540	8,650	8,260	3,102	2,680	2,570	.64	.87	.86
Summer:									
New York.....	2,490	2,400	2,400	1,089	1,020	900	.83	.90	.85
Colorado.....	2,080	1,700	1,500	<sup>3</sup> 353	<sup>4</sup> 272	<sup>3</sup> 240	.67	1.10	1.00
Washington.....	860	910	910	462	455	437	.38	.55	.55
Total or average.....	5,440	5,010	4,810	1,904	1,747	1,577	.69	.83	.79
Early fall:									
Maryland.....	800	700	300	153	140	60	.85	1.05	.85
New Jersey.....	1,890	1,700	1,700	554	612	646	.76	.90	.80
Pennsylvania.....	2,160	2,500	2,700	<sup>3</sup> 649	825	<sup>4</sup> 891	.82	.85	.75
Illinois.....	580	400	350	108	70	56	.72	1.00	1.00
Missouri.....	720	800	800	157	168	160	.50	.65	1.00
Total or average.....	6,160	6,100	5,850	1,621	1,815	1,813	.76	.87	.81
Late fall:									
Virginia.....	1,820	800	1,000	525	240	350	.74	.75	.70
Arkansas.....	340	400	400	66	80	80	.63	1.05	.45
Oklahoma.....	760	800	1,000	135	92	170	.58	1.05	.45
Total or average.....	2,920	2,000	2,400	726	412	600	.69	.88	.60
United States.....	67,570	59,060	54,470	14,120	12,519	11,581	.67	.92	.99
For processing:									
Texas, winter:	5,300	4,500	8,000	7,700	7,600	13,600	37.00	37.50	35.00
California, winter:	9,760	4,800	7,470	35,400	23,000	39,600	20.70	25.00	24.00
Virginia.....	1,690	600	950	4,400	1,500	2,800	53.90	80.00	81.80
Spring.....	1,030	400	450	2,700	900	1,200	52.60	80.00	102.00
Fall.....	1,660	200	500	1,700	600	1,600	54.60	80.00	67.00
Maryland.....	1,220	700	1,060	2,900	1,420	1,940	55.60	90.00	69.10
Spring.....	570	400	360	1,300	880	680	52.20	90.00	84.80
Fall.....	650	300	700	1,600	540	1,260	64.50	90.00	60.00
Arkansas.....	5,400	6,150	6,600	9,700	9,800	11,500	55.20	71.00	53.40
Spring.....	2,940	4,750	4,100	5,100	7,600	7,000	54.50	65.80	62.00
Fall.....	2,460	1,400	2,500	4,600	2,200	4,500	54.30	89.30	40.00
Oklahoma.....	7,530	4,000	9,100	12,000	4,500	15,500	51.70	74.00	59.30
Spring.....	3,700	2,500	6,100	5,900	3,000	11,000	43.60	64.00	68.00
Fall.....	3,830	1,500	3,000	6,100	1,500	4,500	58.70	94.00	38.00
Total or average.....	30,900	20,750	33,180	72,100	47,820	84,940	35.00	44.69	39.11
Grand total.....	98,470	79,810	87,650	<sup>3</sup> 199,100	<sup>3</sup> 160,500	<sup>3</sup> 189,100	<sup>5</sup> 61.58	<sup>5</sup> 84.48	<sup>4</sup> 78.16

<sup>1</sup> Preliminary.<sup>2</sup> Includes quantities used for processing except in the 6 states for which processing estimates are prepared.<sup>3</sup> Approximately 18 pounds.<sup>4</sup> Includes some quantities not marketed.<sup>5</sup> Derived price per ton.

Bureau of Agricultural Economics.

TABLE 349.—*Sweetpotatoes: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-49*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	1,000 acres	Bushels <sup>1</sup>	1,000 bushels <sup>1</sup>	Dollars	1,000 dollars		1,000 acres	Bushels <sup>1</sup>	1,000 bushels <sup>1</sup>	Dollars	1,000 dollars
1929	660	100.8	65,193			1939	728	84.8	61,744	0.734	45,340
1929	647	100.5	65,014	1.12	73,003	1940	648	79.8	51,699	.854	44,160
1930	670	81.5	54,577	1.06	57,761	1941	731	85.5	62,517	.922	57,650
1931	854	78.8	67,314	.671	45,190	1942	687	95.3	65,469	1.18	77,648
1932	1,059	81.8	86,594	.469	40,650	1943	857	83.1	71,142	2.06	146,413
1933	907	82.3	74,619	.684	51,042	1944	673	84.0	63,888		
1934	967	80.6	77,883			1944	726	94.0	68,251	1.90	129,912
1934	959	81.0	77,677	.752	58,409	1945	671	96.3	64,665	2.04	131,619
1935	944	86.1	81,249	.671	54,545	1946	676	98.2	66,424	2.18	144,496
1936	769	77.7	59,765	.921	55,045	1947	594	93.9	55,746	2.17	120,879
1937	768	88.7	68,144	.780	53,138	1948	516	97.4	50,204	2.22	111,374
1938	793	86.5	68,603	.698	47,868	1949 <sup>2</sup>	542	100.1	54,232	2.14	116,271
1939	696	84.3	58,658								

<sup>1</sup> Approximately 55 pounds.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 398, but price and value for 1910-28 have since been revised.

TABLE 350.—*Sweetpotatoes: Production, seed used, and farm disposition, United States, 1940-49*

Crop of—	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock, shrinkage, and loss after harvest	For farm household use	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1940	51,699	3,725	2,825	8,483	19,020	21,371
1941	62,517	3,513	2,682	12,512	22,062	25,261
1942	65,469	4,398	3,305	12,977	21,944	27,243
1943	71,142	3,783	2,874	15,786	23,771	28,711
1944	68,251	3,468	2,630	14,087	21,745	29,780
1945	64,665	3,531	2,604	13,092	21,020	27,949
1946	66,424	3,197	2,357	14,081	20,817	29,169
1947	55,746	2,686	1,926	13,526	17,878	22,416
1948	50,204	2,840	2,147	10,228	16,266	21,563
1949 <sup>1</sup>	54,232	3,132	2,293	11,153	16,953	23,746

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1929-39 in Agricultural Statistics, 1948, table 343.

TABLE 351.—Sweetpotatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949

State and group	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bu. <sup>2</sup></i>	<i>Bu. <sup>2</sup></i>	<i>Bu. <sup>2</sup></i>	<i>1,000 bu. <sup>2</sup></i>	<i>1,000 bu. <sup>2</sup></i>	<i>1,000 bu. <sup>2</sup></i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>
New Jersey .....	16	15	16	133	170	150	2,068	2,550	2,400	1.96	2.34	2.25
Delaware .....	1.9	.8	.9	120	110	120	228	88	108	1.49	1.97	1.82
Maryland .....	8.8	8.5	9.0	152	145	150	1,337	1,232	1,350	1.44	1.91	1.91
Virginia .....	30	26	24	113	135	120	3,364	3,510	2,880	1.37	1.81	1.85
Total .....	56.7	50.3	49.9	123.4	146.7	135.0	6,997	7,380	6,738	1.56	2.01	2.00
North Carolina .....	73	49	52	106	115	113	7,714	5,635	5,876	1.48	2.32	2.15
South Carolina .....	58	42	48	93	102	100	5,430	4,284	4,800	1.39	2.15	2.00
Georgia .....	93	58	67	77	85	90	7,106	4,930	6,030	1.47	2.37	2.18
Florida .....	17	15	14	67	64	70	1,164	960	980	1.71	2.65	2.65
Total .....	241	164	181	88.8	96.4	97.7	21,408	15,809	17,686	1.47	2.31	2.15
Kentucky .....	16	12	11	84	80	83	1,304	960	913	1.46	2.28	2.20
Tennessee .....	38	20	21	95	100	105	3,585	2,000	2,205	1.48	2.40	2.30
Alabama .....	73	53	55	78	85	83	5,709	4,505	4,565	1.54	2.27	2.35
Mississippi .....	62	43	42	88	100	95	5,489	4,300	3,990	1.56	2.35	2.32
Arkansas .....	23	15	14	79	93	93	1,796	1,395	1,302	1.60	2.30	2.25
Louisiana .....	102	80	85	84	98	98	8,616	7,840	8,330	1.16	1.60	1.70
Oklahoma .....	10	6	6	65	68	75	639	408	450	1.74	2.55	2.30
Texas .....	61	50	55	85	65	105	5,229	3,250	5,775	1.56	2.65	2.05
Total .....	385	279	289	84.1	88.4	95.3	32,356	24,658	27,530	1.43	2.14	2.07
Indiana .....	1.8	1.0	1.1	104	110	105	188	110	116	1.77	2.59	2.34
Illinois .....	3.2	2	2	87	95	90	282	190	180	1.51	2.09	2.02
Iowa .....	2.0	1.8	1.5	98	95	110	192	171	165	1.80	2.48	2.10
Missouri .....	7.8	7	6	94	105	95	730	735	570	1.65	2.42	2.40
Kansas .....	2.4	1.4	1.4	110	115	105	268	161	147	1.64	2.35	2.40
California .....	11	9	10	107	110	110	1,204	990	1,100	2.34	4.07	4.60
Total .....	28.2	22.2	22.0	101.6	106.2	103.5	2,864	2,357	2,278	1.94	3.09	3.41
United States	711.0	515.5	541.9	89.7	97.4	100.1	63,626	50,204	54,232	1.47	2.22	2.14

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 55 pounds.

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TABLE 352.—Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949

Utilization, group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For fresh market:									
Winter: Florida.....	Acres 12,300	Acres 8,850	Acres 12,500	1,000 bushels <sup>2</sup> 1,788	1,000 bushels <sup>2</sup> 885	1,000 bushels <sup>2</sup> 2,375	Dollars 4.30	Dollars 7.20	Dollars 6.10
Early spring:									
Florida.....	14,440	14,700	16,800	3,393	2,426	3,276	3.98	5.50	4.60
Texas, Lower Valley.....	33,170	33,800	27,000	2,427	2,197	2,295	1.80	2.40	2.05
California.....	4,640	4,400	3,600	786	823	522	4.51	5.50	4.00
Total or average.....	52,260	52,900	47,400	4,606	5,446	6,093	2.86	4.25	3.59
Late spring:									
Texas, other.....	31,360	30,000	30,000	2,225	2,100	2,190	1.98	3.00	1.90
Louisiana.....	2,770	1,600	1,800	191	120	126	2.16	3.50	2.55
Mississippi.....	5,770	3,800	3,500	540	255	140	1.78	3.50	1.90
South Carolina.....	5,020	3,400	3,900	277	221	254	2.42	2.50	2.70
Georgia.....	5,520	5,100	6,000	418	408	480	2.04	3.30	2.00
Alabama.....	3,000	3,800	4,000	249	304	320	1.96	2.55	2.35
Total or average.....	53,140	47,700	49,200	3,875	3,408	3,510	1.96	3.02	2.04
Early summer:									
California.....	9,820	9,400	8,600	1,751	2,012	1,866	2.55	3.00	2.65
Arkansas.....	4,360	5,500	5,200	380	468	494	1.82	2.80	1.80
Tennessee.....	4,810	3,500	3,200	660	560	400	1.64	2.15	1.50
North Carolina.....	970	650	450	71	46	29	1.48	2.30	1.85
Virginia.....	2,160	1,900	3,300	298	376	594	1.20	1.55	2.90
Kentucky.....	1,100	500	600	144	75	84	1.84	2.30	2.40
Illinois.....	720	1,200	1,300	75	156	117	2.46	3.10	3.60
Missouri.....	5,840	5,500	5,000	574	605	550	1.88	2.85	1.30
Ohio.....	680	650	690	139	143	138	3.35	5.00	4.00
Maryland.....	6,660	5,600	4,500	1,060	1,008	900	1.25	3.00	2.55
Delaware.....	260	240	200	38	34	30	1.12	2.50	2.40
Total or average.....	37,380	34,640	33,040	5,191	5,483	5,202	1.94	2.81	2.17
Late summer:									
New Jersey.....	11,100	10,500	10,500	1,856	1,785	1,575	1.83	2.80	2.15
Washington.....	1,460	1,900	2,100	383	266	588	1.50	3.25	1.90
Pennsylvania.....	2,720	3,000	3,100	500	525	589	1.44	2.00	1.55
Ohio, other.....	3,660	3,000	2,800	645	555	504	1.62	2.25	2.30
Indiana.....	7,350	8,100	8,100	771	972	891	1.48	1.65	1.55
Illinois, other.....	3,300	3,900	3,600	335	370	342	1.36	1.95	1.50
Iowa.....	540	540	490	68	76	66	1.11	1.00	1.50
New York.....	9,100	8,800	9,200	1,988	1,760	1,932	1.33	1.95	1.85
Michigan.....	6,250	7,400	7,800	999	1,295	1,404	2.01	2.60	2.10
Colorado.....	2,630	2,000	1,700	632	480	408	1.20	1.55	1.60
Utah.....	470	100	100	58	14	15	1.48	1.30	1.20
Oregon.....	1,210	1,050	800	308	289	280	1.72	2.70	2.10
Alabama.....	2,020	1,700	2,000	161	102	100	2.33	2.60	2.75
Total or average.....	51,600	51,990	52,290	8,686	8,489	8,694	1.58	2.25	1.91
Early fall:									
California.....	16,330	22,400	17,600	2,852	4,390	3,714	2.93	3.23	2.65
Late fall:									
Texas.....	8,360	14,000	17,200	534	588	1,032	2.38	2.20	3.60
Florida.....	4,120	6,300	8,000	573	1,102	1,200	4.53	4.90	4.25
Total or average.....	12,480	20,300	25,200	1,108	1,690	2,232	3.49	3.96	3.90
United States.....	235,480	238,780	237,230	28,106	29,791	31,820	2.25	3.20	2.83

See footnotes at end of table.

TABLE 352.—*Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1938-47, annual 1948 and 1949—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	22,360	24,100	19,400	153,800	195,200	163,000	21.00	30.40	23.20
New Jersey.....	34,840	25,100	23,000	211,000	160,600	158,700	26.60	32.40	29.50
Pennsylvania.....	26,460	19,400	20,200	144,200	159,100	149,500	23.70	29.70	28.50
Ohio.....	27,460	24,500	21,300	173,900	249,900	164,000	18.60	25.50	21.00
Indiana.....	90,850	87,400	73,000	455,500	568,100	350,400	19.20	26.30	20.80
Illinois.....	10,490	9,900	8,000	50,500	85,100	47,200	19.60	28.20	23.10
Michigan.....	6,210	7,700	8,100	37,300	77,000	50,200	18.60	25.30	20.00
Wisconsin.....	1,850	1,300	1,300	9,700	9,200	6,200	19.00	26.60	23.00
Iowa.....	3,970	1,500	1,500	17,800	9,800	5,200	18.00	26.10	22.50
Missouri.....	12,590	6,400	7,100	33,300	16,000	22,700	20.40	32.50	20.00
Delaware.....	10,870	9,000	9,000	46,700	32,400	45,000	26.50	44.00	30.00
Maryland.....	53,720	27,000	29,000	233,600	110,700	165,300	24.90	39.90	27.60
Virginia.....	27,580	16,500	14,400	99,100	71,000	51,800	22.10	33.90	24.10
South Carolina.....	2,400	2,800	3,000	4,300	3,100	4,500	18.60	28.00	30.00
Florida.....	3,300	3,250	2,900	10,200	13,300	13,600	19.60	23.60	25.00
Kentucky.....	4,320	3,100	2,400	11,700	11,500	6,700	18.40	26.20	22.50
Tennessee.....	6,200	3,200	2,900	12,400	13,400	8,400	18.80	25.80	26.80
Arkansas.....	16,540	8,400	8,400	38,200	18,500	22,700	19.80	26.70	19.90
Oklahoma.....	1,660	1,600	1,700	2,900	1,600	4,100	19.40	25.00	20.00
Texas.....	15,510	18,800	16,500	41,400	47,000	42,900	18.40	26.00	23.00
Colorado.....	3,700	3,100	2,900	24,400	22,900	19,700	17.90	23.60	21.70
Utah.....	7,320	6,400	6,400	67,100	71,000	83,200	17.80	23.40	21.30
California.....	103,320	87,700	74,000	813,900	955,900	1,036,000	20.70	25.80	22.80
Other States <sup>5</sup> .....	5,210	2,700	2,300	21,500	11,200	12,700	19.40	24.31	24.49
Total or average.....	498,730	400,850	358,700	2,714,400	2,913,500	2,633,700	21.10	27.71	23.51
Grand total.....	734,210	639,630	595,930	3,459,300	3,703,000	3,476,900	<sup>6</sup> 36.32	<sup>6</sup> 47.49	<sup>6</sup> 43.65

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 53 pounds.<sup>3</sup> Includes some quantities not marketed.<sup>4</sup> Average, 1939-47.<sup>5</sup> Alabama, Arizona, Connecticut, Georgia, Idaho, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, New Mexico, North Carolina, Oregon, Washington, and West Virginia.<sup>6</sup> Derived price per ton.

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TABLE 353.—Tomatoes, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, value, and foreign trade, United States, 1929-49

Year	For fresh market					For processing					Foreign trade, year beginning July									
	Acreage for harvest	Yield per acre	Pro- duc- tion <sup>1</sup>	Price per bushel	Farm value <sup>2</sup>	Acreage har- vested	Yield per acre	Produc- tion	Price per ton	Farm value <sup>2</sup>	Imports			Domestic exports						
											Fresh	Canned <sup>3</sup>	Paste	Fresh	Canned	Catsup and sauces	Paste	Juice		
<i>Acres</i>	<i>Bushels</i> <sup>4</sup>	<i>1,000 bushels</i> <sup>4</sup>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>			
1929.....	157,640	129	20,300	1.73	35,113	323,720	4.74	1,534,700	15.25	23,409	139,886	147,429	16,547	-----	4,872	10,419	-----	-----		
1930.....	170,730	114	19,498	1.58	30,838	407,950	4.31	1,757,500	15.05	26,444	113,480	75,173	11,605	-----	2,916	5,210	-----	-----		
1931.....	168,140	113	18,945	1.10	20,726	296,120	3.30	976,400	11.80	11,517	122,215	91,572	12,154	-----	4,621	3,221	-----	-----		
1932.....	173,380	117	20,324	.98	19,894	280,510	4.28	1,199,300	10.08	12,090	59,028	72,226	11,405	-----	4,038	2,561	-----	-----		
1933.....	171,330	112	19,255	1.10	21,129	280,150	3.86	1,081,300	11.39	12,316	54,254	75,963	11,363	-----	1,885	2,698	-----	-----		
1934.....	193,680	113	21,957	1.20	25,119	368,660	3.87	1,425,700	12.03	17,148	77,160	76,286	12,233	-----	1,958	3,125	-----	-----		
1935.....	189,960	119	22,513	1.13	25,415	471,730	3.60	1,700,200	11.73	19,951	82,504	64,985	8,525	-----	9,302	1,823	-----	-----		
1936.....	193,060	109	21,088	1.31	27,631	419,070	4.74	1,987,500	12.59	25,029	97,037	61,421	10,540	-----	14,962	2,546	-----	-----		
1937.....	203,360	108	22,008	1.31	28,757	451,000	4.27	1,926,300	13.11	25,260	65,831	55,383	8,278	-----	23,558	1,807	-----	-----		
1938.....	219,910	117	25,673	1.07	27,352	392,350	4.44	1,742,600	12.41	21,618	54,861	71,696	8,625	-----	22,365	1,962	-----	-----		
1939.....	215,560	122	26,316	1.38	36,218	358,260	5.58	1,999,900	12.14	24,274	79,428	37,543	6,897	-----	23,544	11,849	-----	-----		
1940.....	207,670	117	24,394	1.22	29,680	409,580	5.56	2,275,800	11.80	26,864	132,781	1,871	289	-----	25,719	21,765	-----	-----		
1941.....	203,980	120	24,526	1.58	38,795	460,450	6.09	2,802,200	15.06	42,196	137,185	11,025	3	-----	25,447	107,389	-----	-----		
1942.....	217,130	128	27,786	2.09	57,915	601,200	5.27	3,166,800	19.70	62,400	167,916	3,107	429	-----	33,458	8,269	-----	-----		
1943.....	225,230	123	27,773	2.84	78,885	555,430	4.79	2,660,900	26.28	69,922	169,064	1	2,458	-----	37,272	26,950	-----	-----		
1944.....	249,520	113	28,292	3.05	86,387	581,180	5.45	3,169,900	27.22	86,269	210,874	4,579	3,016	-----	32,646	34,670	-----	-----		
1945.....	279,820	117	32,688	3.31	107,049	546,750	4.92	2,689,200	27.58	74,169	203,065	449	54	-----	50,789	8,894	-----	-----		
1946.....	294,010	116	34,229	2.87	97,319	570,770	5.94	3,393,700	30.42	103,241	263,168	14,833	1,021	-----	43,510	7,190	-----	-----		
1947.....	242,020	121	29,386	3.13	91,992	511,370	6.34	3,242,800	28.63	92,857	263,526	28,963	501	-----	26,383	12,799	-----	-----		
1948.....	238,780	125	29,791	3.20	94,997	400,850	7.27	2,913,500	27.71	80,733	204,424	34,638	1,244	-----	39,579	3,683	-----	-----		
1949 <sup>5</sup> .....	237,230	134	31,820	2.83	89,600	358,700	7.34	2,633,700	23.51	61,928	-----	-----	-----	-----	-----	-----	-----	-----		

<sup>1</sup> Includes the following quantities not marketed and excluded in computing value: 128,000 bushels in 1931, 50,000 in 1932, 71,000 in 1933, 975,000 in 1934, 75,000 in 1935, 153,000 in 1938, 42,000 in 1940, 83,000 in 1941, 23,000 in 1942, 40,000 in 1943, 347,000 in 1945, 333,000 in 1946, 87,000 in 1948, and 192,000 in 1949.

<sup>2</sup> Value is for the marketing season and should not be confused with calendar-year income.

<sup>3</sup> Includes "otherwise prepared," if any.

<sup>4</sup> Approximately 53 pounds.

<sup>5</sup> Imports for consumption beginning 1933.

<sup>6</sup> Jan. 1-June 30; not separately classified prior to this date.

<sup>7</sup> Includes shipments under Army Civilian Supply Program beginning January 1947.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports compiled from reports of the Department of Commerce. Data for 1918-28 in Agricultural Statistics, 1942 table 403.



TABLE 354.—*Watermelons, commercial crop: Acreage, yield, production, season average price per 1,000 melons received by farmers, and value, United States, 1929-49*

Year	Acreage for harvest	Yield per acre	Pro-duction <sup>1</sup>	Price	Farm value	Year	Acreage for harvest	Yield per acre	Pro-duction <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	226,570	325	73,643	173.00	12,710	1940.....	267,300	288	77,107	109.00	7,906
1930.....	255,060	335	85,506	117.00	9,327	1941.....	256,330	252	64,486	134.00	8,636
1931.....	253,610	307	77,810	101.00	7,719	1942.....	197,900	286	56,526	240.00	13,588
1932.....	247,910	270	66,992	79.00	4,569	1943.....	142,600	340	48,522	445.00	21,615
1933.....	218,250	258	56,382	93.00	5,122	1944.....	223,680	316	70,775	368.00	26,024
1934.....	281,930	213	60,056	104.00	6,248	1945.....	262,880	277	72,949	410.00	29,910
1935.....	268,220	247	66,367	96.00	6,162	1946.....	316,020	256	80,825	394.00	30,958
1936.....	250,710	249	62,543	128.00	7,967	1947.....	290,020	280	81,063	319.00	24,173
1937.....	254,890	278	70,826	106.00	7,276	1948.....	255,990	289	73,878	389.00	28,762
1938.....	263,630	269	70,842	109.00	7,262	1949 <sup>3</sup> .....	282,750	272	76,801	313.00	23,989
1939.....	265,190	238	63,099	119.00	7,444						

<sup>1</sup> Includes some quantities not marketed and excluded in computing value: 5,677,000 melons in 1930, 1,761,000 in 1931, 9,298,000 in 1932, 1,332,000 in 1933, 122,000 in 1934, 2,509,000 in 1935, 425,000 in 1936, 2,499,000 in 1937, 4,001,000, in 1938, 496,000 in 1939, 4,518,000 in 1940, 260,000 in 1946, 5,294,000 in 1947, and 200,000 in 1949.

<sup>2</sup> A medium-size melon weighs about 25 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 407.

TABLE 355.—*Watermelons, commercial crop: Acreage, production and season average price per 1,000 melons received by farmers, by States, average 1938-47, annual 1948 and 1949*

Group and State	Acreage			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Late spring:									
California, Imperial Valley.....	5,440	7,600	6,600	2,800	4,484	5,412	328	480	360
Florida.....	28,710	45,000	59,000	<sup>3</sup> 7,873	13,725	14,160	370	465	425
Total or average.....	34,150	52,600	65,600	10,673	18,209	19,572	357	469	407
Early summer:									
California.....	9,140	8,100	10,000	6,691	5,994	5,400	228	280	239
Arizona.....	2,580	4,400	3,800	1,472	2,508	2,470	294	360	350
Texas.....	51,160	65,000	64,000	7,835	11,700	12,480	285	375	211
Louisiana.....	3,820	2,500	2,300	1,035	625	644	304	450	407
Mississippi.....	5,340	3,200	4,200	<sup>3</sup> 1,316	768	945	256	335	385
Alabama.....	6,620	6,400	6,900	2,027	1,920	1,932	265	450	370
Georgia.....	51,680	40,000	46,000	<sup>3</sup> 13,530	11,000	12,880	248	400	330
South Carolina.....	24,050	24,000	28,000	<sup>3</sup> 5,282	4,800	4,760	218	375	316
North Carolina.....	9,770	10,000	10,700	2,178	2,400	2,140	214	340	175
Arkansas.....	3,960	4,100	4,200	<sup>3</sup> 1,136	1,168	1,218	271	417	315
Oklahoma.....	12,330	13,000	14,000	2,656	2,990	<sup>3</sup> 2,800	276	340	250
Missouri.....	9,210	3,800	3,200	2,608	1,102	800	227	300	300
Total or average.....	189,650	184,500	197,300	47,765	46,975	48,469	249	368	280
Late summer:									
Virginia.....	2,200	850	1,300	<sup>3</sup> 693	336	500	221	319	185
Maryland.....	5,080	4,900	4,900	2,221	2,328	2,450	229	411	342
Delaware.....	3,290	2,700	2,700	<sup>3</sup> 1,355	1,215	1,282	236	422	300
New Jersey.....	1,170	900	900	478	324	382	192	170	140
Indiana.....	6,130	5,300	5,800	2,805	2,782	2,320	241	260	240
Illinois.....	3,850	2,700	2,700	1,296	945	1,012	222	345	330
Iowa.....	1,020	440	500	298	154	188	262	390	300
Oregon.....	600	350	300	325	122	120	286	355	360
Washington.....	770	750	750	497	488	506	230	297	264
Colorado.....	640			213			216		
Total or average.....	24,750	18,890	19,850	10,181	8,694	8,760	233	337	284
United States.....	248,560	255,990	282,750	68,619	73,878	76,801	264	389	313

<sup>1</sup> Preliminary.

<sup>2</sup> A medium-size melon weighs about 25 pounds.

<sup>3</sup> Includes some quantities not marketed.

Bureau of Agricultural Economics.

TABLE 356.—*Fresh vegetables: Carlot rail and boat shipments of specified kinds, United States, 1940-49*<sup>1</sup>

Year	Aspara- gus	Beans, snap and lima	Beets	Broccoli	Cabbage	Carrots	Cauli- flower	Celery	Corn, green
1940.....	<i>Cars</i> 2,929	<i>Cars</i> 5,367	<i>Cars</i> 946	<i>Cars</i> 1,688	<i>Cars</i> 19,524	<i>Cars</i> 13,162	<i>Cars</i> 8,255	<i>Cars</i> 19,975	<i>Cars</i> 746
1941.....	2,497	3,750	1,100	1,470	18,430	15,468	6,243	20,429	933
1942.....	1,701	5,634	1,247	1,280	24,806	20,144	6,911	20,929	959
1943.....	2,088	9,021	1,668	1,242	23,481	24,357	5,999	18,969	1,514
1944.....	1,852	7,377	2,345	1,942	29,673	25,471	8,480	22,106	1,614
1945.....	981	7,471	2,212	1,520	32,835	27,903	9,068	25,610	2,685
1946.....	1,373	6,346	1,027	1,888	27,328	27,148	11,296	27,933	3,123
1947.....	2,102	4,734	920	1,826	24,645	24,995	9,302	24,737	2,933
1948.....	1,158	4,455	697	1,632	23,749	24,335	9,569	24,902	2,780
1949.....	1,105	3,525	595	1,689	18,921	22,886	7,136	25,154	4,108

  

Year	Cucum- bers	Egg- plant	Esca- role	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green
						Canta- loups	Other <sup>2</sup>		
1940.....	<i>Cars</i> 2,712	<i>Cars</i> 17	<i>Cars</i> 853	<i>Cars</i> 1,295	<i>Cars</i> 49,898	<i>Cars</i> 11,611	<i>Cars</i> 6,038	<i>Cars</i> 23,268	<i>Cars</i> 6,263
1941.....	2,577	78	597	1,241	55,626	13,491	7,210	27,087	6,063
1942.....	3,177	23	925	1,016	56,227	11,687	5,819	32,748	4,702
1943.....	1,879	221	1,013	1,115	58,109	11,619	4,992	25,780	4,588
1944.....	2,336	269	1,194	1,367	66,984	16,004	7,051	36,995	4,535
1945.....	4,115	326	1,421	1,086	68,471	16,780	8,548	33,735	4,536
1946.....	5,357	285	1,128	1,052	74,703	21,958	8,914	36,974	4,123
1947.....	3,671	82	875	1,568	76,941	22,550	6,233	35,186	3,256
1948.....	3,093	186	1,035	1,193	74,119	22,251	6,219	30,325	2,642
1949.....	2,099	106	984	1,165	70,968	22,260	5,596	30,265	2,122

  

Year	Peppers	Potatoes	Spinach	Sweet- potatoes	Toma- toes	Turnips and ruta- bagas	Water- melons	Mixed vege- tables	Total
1940.....	<i>Cars</i> 1,253	<i>Cars</i> 202,381	<i>Cars</i> 5,970	<i>Cars</i> 6,652	<i>Cars</i> 22,247	<i>Cars</i> 426	<i>Cars</i> 21,261	<i>Cars</i> 23,844	<i>Cars</i> 458,579
1941.....	1,359	201,057	5,604	7,307	19,566	348	18,750	24,924	463,205
1942.....	1,733	218,431	6,226	10,511	25,223	659	18,635	29,118	510,471
1943.....	1,697	262,488	6,744	8,584	25,277	944	20,154	39,632	563,174
1944.....	2,736	275,581	6,358	10,685	27,992	717	34,590	43,542	639,796
1945.....	2,994	270,671	5,582	13,316	35,168	593	37,736	45,054	660,417
1946.....	2,890	298,307	4,824	12,408	36,626	558	35,347	43,379	696,295
1947.....	1,701	280,251	4,052	11,285	25,522	440	32,958	37,742	640,507
1948.....	2,521	306,498	3,188	7,940	24,730	425	28,099	32,980	640,721
1949.....	2,467	256,675	2,690	3,982	24,621	654	28,698	29,106	569,637

<sup>1</sup> Figures for all commodities are on a calendar-year basis, except onions which are for a 12-month period beginning in March. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

<sup>2</sup> Includes Casaba, Honey Ball, Honey Dew, Persian, and mixed melons. Cars of mixed melons may include cantaloups as well as other muskmelons.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis.

TABLE 357.—*Vegetables (fresh), melons, potatoes, sweetpotatoes, and dry edible beans: Total and per capita civilian consumption (farm weight basis), United States, 1929-49*<sup>1</sup>

Calendar year	Tomatoes		Leafy, green, and yellow vegetables <sup>2</sup>		Other fresh vegetables <sup>3</sup>		Melons <sup>4</sup>		All fresh vegetables, including melons		Potatoes		Sweetpotatoes		Dry edible beans	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. bu.</i>	<i>Lb.</i>	<i>Mil. bu.</i>	<i>Lb.</i>	<i>1,000 bags</i>	<i>Lb.</i>
1929.....	3,181	25.9	11,247	91.7	8,232	67.1	4,468	36.4	27,128	221	314.8	154	49.5	22.2	9,520	7.8
1930.....	2,956	23.9	10,742	86.8	8,319	67.2	4,361	35.2	26,378	213	279.2	135	41.2	18.3	11,706	9.5
1931.....	3,066	24.6	11,605	93.0	8,218	65.8	4,765	38.2	27,654	222	290.2	140	46.4	20.5	10,925	8.8
1932.....	3,452	27.5	11,856	94.4	8,873	70.6	4,317	34.4	28,498	227	290.2	139	62.9	27.5	9,253	7.4
1933.....	3,107	24.6	11,021	87.3	8,642	68.4	4,072	32.2	26,842	213	288.7	137	54.8	23.9	8,900	7.0
1934.....	3,102	24.4	11,998	94.4	8,403	66.1	4,159	32.7	27,662	218	292.1	138	56.1	24.3	11,454	9.0
1935.....	3,563	27.8	12,506	97.7	9,099	71.1	4,338	33.9	29,506	231	307.9	144	59.3	25.5	10,710	8.4
1936.....	3,350	26.0	11,676	90.6	9,172	71.2	4,078	31.6	28,276	219	284.0	132	46.0	19.6	11,494	8.9
1937.....	3,716	28.7	12,488	96.4	9,641	74.4	4,561	35.2	30,406	235	271.7	126	50.4	21.4	10,070	7.8
1938.....	3,814	29.2	13,975	106.9	9,884	75.6	4,633	35.4	32,306	247	287.7	132	50.4	21.2	12,485	9.6
1939.....	3,912	29.7	13,498	102.5	9,998	75.9	4,606	35.0	32,014	243	265.1	121	46.8	19.5	12,163	9.2
1940.....	3,766	28.4	13,386	100.8	9,769	73.6	4,979	37.5	31,900	240	288.7	130	39.0	16.2	11,038	8.3
1941 <sup>5</sup> .....	4,010	30.2	13,178	99.4	10,438	78.7	4,458	33.6	32,084	242	284.7	129	44.1	18.3	11,664	8.8
1942 <sup>5</sup> .....	4,085	30.9	14,594	110.3	10,859	82.1	4,353	32.9	33,891	256	281.8	128	48.9	20.3	14,647	11.1
1943 <sup>5</sup> .....	4,042	31.2	13,199	101.8	9,359	72.2	4,233	32.7	30,833	238	282.2	131	50.3	21.3	11,511	8.9
1944 <sup>5</sup> .....	4,077	31.6	13,822	107.0	10,022	77.6	4,998	38.7	32,919	255	276.6	128	46.0	19.6	10,469	8.1
1945 <sup>5</sup> .....	4,249	32.7	15,049	115.9	10,549	81.3	4,829	37.2	34,676	267	272.6	126	44.4	18.8	10,088	7.8
1946 <sup>5</sup> .....	4,457	32.0	15,989	114.8	11,855	85.1	5,564	39.9	37,865	272	295.6	127	46.0	18.2	12,110	8.7
1947 <sup>5</sup> .....	4,540	31.6	15,140	105.5	11,127	77.5	5,397	37.6	36,204	252	296.4	124	41.4	15.9	9,222	6.4
1948 <sup>5</sup> .....	4,576	31.3	15,923	108.8	12,217	83.6	5,401	36.9	38,117	261	273.4	112	34.5	13.0	9,953	6.8
1949 <sup>5</sup> .....	4,721	31.8	15,250	102.6	11,841	79.7	5,624	37.8	37,436	252	267.1	108	37.5	13.9	10,513	7.1

<sup>1</sup> Includes production of commercial truck crops for fresh market shipment and rough approximations of production in farm and market gardens but not in town and city gardens.

<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, cabbage, carrots, kale, lettuce and escarole, green peas, green peppers, spinach, and an estimated quantity of minor vegetables.

<sup>3</sup> Beets, cauliflower, celery, sweet corn, cucumbers, eggplant, garlic, onions, shallots, and an estimated quantity of minor vegetables.

<sup>4</sup> Includes watermelons, cantaloups, Honey Ball melons, and Honey Dew melons, etc.

<sup>5</sup> The per capita civilian consumption obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of

children under 5 years of age and for members of the armed forces not eating out of civilian supplies.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. The figures in this table are given in terms of production weight, i.e., quantities available for consumption at the farm level. Normal marketing losses between the time of harvest and time of sale in the retail store—including shrinkage and spoilage in transit and storage, and spoilage in retail stores—are estimated roughly as follows: Tomatoes, 25 percent; leafy, green, and yellow vegetables, 14 percent; melons, 13 percent; other truck crops, 14 percent; potatoes, 7 percent; sweetpotatoes, 20 percent prior to 1942, and 14 percent from 1942 to date.

TABLE 358.—*Vegetables, canned: United States pack of selected items, 1929-49*

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Corn	Peas, green	Pickles <sup>1</sup>
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929	3,032	946	8,525	2,004	-----	17,487	18,530	6,200
1930	3,020	981	8,251	2,923	-----	15,692	22,035	11,900
1931	2,134	1,157	6,067	1,614	262	19,415	13,286	9,100
1932	1,604	732	4,024	1,044	433	9,358	10,367	2,000
1933	2,569	670	5,532	1,216	604	10,193	12,893	5,600
1934	2,423	1,319	6,300	2,196	765	11,268	15,742	6,800
1935	2,813	1,186	7,161	2,462	926	21,471	24,699	7,800
1936	3,031	1,551	6,629	2,490	938	14,621	16,553	9,900
1937	2,884	1,512	10,052	3,210	949	23,541	23,467	12,700
1938	2,538	1,920	10,915	3,176	704	20,470	25,459	9,900
1939	2,604	2,000	8,487	2,271	1,210	14,567	16,074	6,300
1940	3,258	1,992	9,798	3,719	1,435	15,524	25,196	10,100
1941	3,203	2,387	13,362	7,365	2,058	26,109	28,724	13,400
1942	4,202	2,527	23,790	6,706	2,283	32,118	35,256	13,600
1943	3,860	1,879	22,913	6,059	2,384	28,755	35,052	10,200
1944	4,141	1,647	18,196	7,889	3,131	25,089	31,524	12,500
1945	4,346	1,581	17,365	9,149	4,048	28,237	39,640	13,000
1946	4,576	1,747	18,342	7,044	3,747	30,951	40,933	17,100
1947	3,833	2,204	13,091	3,382	976	26,089	33,119	16,700
1948	3,620	2,476	15,174	4,472	3,106	31,483	23,356	16,100
1949 <sup>3</sup>	4,418	4,371	20,647	7,436	1,810	29,795	23,468	19,300

  

Season	Pimien- tos	Pumpkin and squash	Sauer- kraut <sup>1</sup>	Spinach	Toma- toes	Tomato pulp	Tomato juice	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929	536	3,348	9,300	6,165	24,146	3,737	231	104,187
1930	424	2,374	11,600	2,465	29,015	4,490	1,674	116,844
1931	298	1,399	7,400	2,269	16,341	1,817	4,720	87,279
1932	505	1,927	8,200	1,466	20,367	2,300	5,559	69,886
1933	270	2,454	5,200	3,179	20,461	2,800	4,528	78,169
1934	550	1,933	11,700	3,602	22,376	3,259	6,193	96,426
1935	754	1,138	7,300	4,318	26,985	3,656	11,256	123,925
1936	540	2,426	6,200	4,221	24,414	4,267	16,002	113,783
1937	671	2,041	8,000	6,122	26,235	3,746	16,979	142,109
1938	1,380	1,614	10,600	2,892	23,131	2,788	11,235	128,722
1939	825	3,114	7,900	4,055	24,465	2,726	13,659	110,257
1940	465	3,090	10,000	4,980	29,533	2,827	15,086	137,003
1941	323	3,391	11,400	5,015	31,759	3,612	23,391	175,499
1942	425	2,151	8,700	9,567	47,252	4,987	25,178	212,742
1943	249	2,007	5,800	7,381	29,269	6,847	22,849	185,504
1944	249	2,977	6,400	9,957	26,099	9,410	30,809	190,018
1945	367	1,849	12,600	8,637	16,758	9,650	28,389	195,625
1946	672	4,575	14,500	8,448	23,857	12,397	34,900	223,789
1947	569	3,387	3,900	3,909	27,709	5,871	19,506	164,245
1948	519	1,761	11,000	5,011	24,393	3,711	27,774	173,956
1949 <sup>3</sup>	689	1,077	9,200	6,741	21,537	4,071	23,542	178,102

<sup>1</sup> Total crop for processing converted to a canned basis by applying the following factors (cases of 24 No. 2 cans per ton farm weight): Cucumbers for pickles, 68 cases; cabbage for kraut, 54 cases; and pimientos (year 1941 to date), 29 cases.

<sup>2</sup> Equivalent cases of 24 No. 2 cans.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Compiled mainly from reports of the National Cannery Association. Data for pickles, sauerkraut, and (beginning 1941) pimientos computed by B.A.E. In addition to the vegetables shown in this table, considerable quantities of the following products also are canned: Baked beans, carrots and peas, corn on the cob, hominy, kidney beans, mixed vegetables, mushrooms, okra, other greens than spinach, potatoes, rhubarb, sauerkraut juice, soups, spaghetti, succotash, sweetpotatoes, tomato paste, tomato sauce, tomato catsup, and vegetable puree.

TABLE 359.—*Vegetables, canned and frozen: Total and per capita civilian consumption (processed basis), United States, canned vegetables, pack years 1929–49, and calendar years 1943–49; frozen vegetables, calendar years, 1937–49*

Pack year beginning	Tomatoes		Corn		Peas, green		Snap beans		Other canned vegetables <sup>1</sup>		Total canned vegetables		Total frozen vegetables (cal. yr.)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.
1929.....	828.8	6.7	515.0	4.2	547.6	4.4	243.0	2.0	1,313.6	10.7	3,448	28.0	-----	-----
1930.....	792.0	6.4	503.8	4.1	579.1	4.7	235.2	1.9	1,327.9	10.6	3,438	27.7	-----	-----
1931.....	608.4	4.9	420.8	3.4	437.8	3.5	175.8	1.4	1,100.2	8.7	2,743	21.9	-----	-----
1932.....	691.9	5.5	422.7	3.4	371.3	2.9	134.6	1.1	1,144.5	9.0	2,765	21.9	-----	-----
1933.....	632.1	5.4	355.8	2.8	431.7	3.4	157.7	1.2	1,119.7	8.9	2,747	21.7	-----	-----
1934.....	696.8	5.5	386.8	3.0	469.2	3.7	185.4	1.5	1,456.8	11.3	3,195	25.0	-----	-----
1935.....	765.5	6.0	538.7	4.2	540.9	4.2	184.1	1.4	1,468.8	11.4	3,498	27.2	-----	-----
1936.....	696.2	5.4	495.6	3.8	573.0	4.4	197.5	1.5	1,625.7	12.7	3,588	27.7	-----	-----
1937.....	765.2	5.9	510.0	3.9	616.9	4.7	266.5	2.1	1,874.4	14.4	4,033	31.0	52.1	0.4
1938.....	755.4	5.8	543.8	4.1	647.1	4.9	262.7	2.0	1,818.0	13.9	4,027	30.7	53.6	.4
1939.....	757.8	5.7	586.0	4.4	660.5	5.0	296.0	2.2	2,024.7	15.4	4,325	32.7	65.7	.5
1940.....	800.3	6.0	597.0	4.5	796.2	6.0	321.9	2.4	2,281.6	17.0	4,797	35.9	77.2	.6
1941 <sup>2</sup> .....	767.8	5.8	670.6	5.0	831.4	6.2	276.2	2.1	2,387.0	18.0	4,933	37.1	89.9	.7
1942 <sup>2</sup> .....	867.6	6.6	818.8	6.3	847.1	6.5	442.0	3.4	2,592.5	19.8	5,568	42.6	145.9	1.1
1943 <sup>2</sup> .....	658.2	5.1	649.8	5.0	764.2	5.9	378.0	2.9	1,894.8	14.7	4,345	33.6	96.4	.7
1944 <sup>2</sup> .....	452.1	3.5	581.6	4.5	669.4	5.2	344.3	2.7	2,293.6	17.6	4,341	33.5	209.7	1.6
1945 <sup>2</sup> .....	431.7	3.2	835.0	6.2	1,013.4	7.5	482.3	3.6	3,408.4	25.1	6,171	45.6	245.5	1.9
1946 <sup>2</sup> .....	553.6	3.9	816.9	5.8	903.7	6.4	394.8	2.8	3,532.4	24.7	6,201	43.7	283.3	2.0
1947 <sup>2</sup> .....	632.6	4.7	752.4	5.2	914.6	6.3	408.1	2.8	2,860.5	19.7	5,618	38.7	368.2	2.6
1948 <sup>2</sup> .....	663.4	4.5	748.2	5.1	801.6	5.4	412.4	2.8	2,933.6	19.9	5,559	37.7	434.4	3.0
1949 <sup>2 3</sup> .....	659.3	4.4	777.9	5.2	795.1	5.3	489.4	3.3	3,096.6	20.6	5,818	38.8	449.3	3.0
Calendar year:														
1943 <sup>2</sup> .....	716.2	5.5	691.7	5.3	756.6	5.8	340.3	2.6	2,257.2	17.5	4,762	36.7	(see tabulation above)	
1944 <sup>2</sup> .....	631.6	4.9	646.1	5.0	680.5	5.3	372.2	2.9	2,091.6	16.1	4,422	34.2		
1945 <sup>2</sup> .....	581.1	4.1	721.5	5.6	926.6	7.1	430.1	3.3	2,960.7	22.8	5,570	42.9		
1946 <sup>2</sup> .....	558.8	4.0	806.3	6.2	1,056.0	7.6	452.3	3.2	3,538.1	25.5	6,472	46.5		
1947 <sup>2</sup> .....	550.5	3.8	834.4	5.8	835.4	5.8	390.8	2.7	3,102.4	21.7	5,714	39.8		
1948 <sup>2</sup> .....	642.3	4.4	723.2	4.9	845.5	5.8	414.3	2.8	2,780.3	19.1	5,406	37.0		
1949 <sup>2 3</sup> .....	689.6	4.6	722.5	4.9	786.8	5.3	435.0	2.9	3,049.6	20.5	5,684	38.2		

<sup>1</sup> Asparagus, lima beans, beets, carrots, Irish potatoes, pickles (including bulk stock), pimientos, pumpkin and squash, sauerkraut (including bulk stock), spinach, succotash, sweetpotatoes, tomato juice, pulp, catsup, paste, sauce, and chili sauce, other greens, and mixed vegetables. Excludes baked beans, soups, hominy, and other minor vegetables.

<sup>2</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age and for members of the armed forces not eating out of civilian supplies.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 360.—*Vegetables, frozen: United States pack, by kinds, 1940-49*

Commodity	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	5,967	7,510	6,000	10,200	12,300	20,638	28,316	10,737	18,321	18,422
Beans, snap.....	6,041	8,849	13,800	28,000	23,500	31,460	40,975	30,911	49,583	58,523
Beans, lima.....	16,784	20,470	31,000	21,000	30,000	28,476	50,083	68,194	75,403	87,949
Broccoli.....	1,859	3,466	3,200	5,000	8,000	11,656	25,789	9,117	29,126	45,233
Brussels sprouts.....	767	1,868	3,700	5,000	4,900	6,606	13,621	4,557	10,526	23,455
Carrots.....	1,981	1,051	1,000	2,300	900	6,051	9,069	2,905	15,393	12,751
Cauliflower.....	656	1,515	1,200	2,500	4,800	7,391	13,237	5,353	13,963	21,655
Corn, cut.....	4,538	6,919	10,000	21,500	21,000	25,551	42,427	26,559	20,920	37,076
Corn, on cob.....	2,948	2,681	2,300	800	600	445	2,296	6,064	10,324	17,563
Mixed vegetables.....			1,000	2,200	2,900					
Peas.....	35,802	44,072	66,200	75,000	79,200	103,834	140,603	131,786	118,977	113,273
Peas and carrots.....	432	1,143	1,100	1,600	2,100	5,322	7,186	5,302	6,510	8,097
Rhubarb.....			800	4,000	4,400	6,852	10,566	1,538	2,629	4,212
Spinach.....	4,084	4,936	16,600	26,700	32,000	36,721	38,185	23,279	41,571	62,307
Squash and pumpkin.....	644	1,479	2,600	12,000	10,000	7,354	10,009	5,190	5,577	8,337
Succotash.....			100	200	1,100	1,757	3,410	3,763	6,879	8,290
Miscellaneous.....	768	1,231	2,800	5,300	800	7,865	14,329	10,953	20,056	36,355
Total.....	83,275	107,190	163,400	223,300	238,500	307,977	450,000	346,208	446,358	563,499

Bureau of Agricultural Economics. Data for 1940-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44, Inter-Agency Supply Estimates Committee, Department of Agriculture; 1945-49, National Association of Frozen Food Packers. Data for 1938 and 1939 in Agricultural Statistics, 1949, table 367.

TABLE 361.—*Vegetables, frozen: Commercial pack, by kinds and areas, United States, 1949*

Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total	Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	8,010	649	9,763	18,422	Peas and carrots...	42,667	5,429	8,097	
Beans, snap.....	31,542	112	26,869	58,523	Rhubarb.....	547	3,103	4,212	
Beans, lima.....	33,177	5,599	49,173	87,949	Spinach.....	136,604	25,703	62,307	
Broccoli.....	6,859		438,374	45,233	Squash and pumpkin.....	42,627	5,710	8,337	
Brussels sprouts.....			523,455	23,455	Succotash.....	46,475	1,815	8,290	
Carrots.....	2,213	4,076	6,461	12,751	Miscellaneous vegetables <sup>6</sup> .....	23,073	3,910	9,372	
Cauliflower.....	43,930		17,726	21,655	Total.....	194,998	40,895	327,604	
Corn, cut.....	10,497	6,989	19,590	37,076					
Corn, on cob.....	4,490	3,056	10,017	17,563					
Peas.....	22,287	15,942	75,044	113,273					

<sup>1</sup> Maine, Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Missouri, Delaware, Maryland, Virginia, North Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Texas.

<sup>2</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

<sup>3</sup> Montana, Idaho, Wyoming, Colorado, Utah, Washington, Oregon, and California.

<sup>4</sup> Includes some packed in the Midwest.

<sup>5</sup> Includes some packed in the East.

<sup>6</sup> Blackeye peas, collards, French-fried potatoes, kale, mixed vegetables, okra, peppers, tomato juice, and turnip greens.

National Association of Frozen Food Packers; annual report published in April 1950.

TABLE 362.—*Fruits and vegetables, fresh: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1940-49*

Year beginning July	Inspected at—		Year beginning July	Inspected at—	
	Shipping points	Receiving markets		Shipping points	Receiving markets
	<i>Carlots</i>	<i>Carlots</i>		<i>Carlots</i>	<i>Carlots</i>
1940.....	498, 731	39, 131	1945.....	697, 271	35, 648
1941.....	506, 273	38, 466	1946.....	758, 788	46, 506
1942.....	479, 249	31, 694	1947.....	732, 836	49, 047
1943.....	555, 042	29, 737	1948.....	842, 007	46, 282
1944.....	606, 713	30, 296	1949.....	781, 949	47, 368

Production and Marketing Administration.—All of the shipping-point inspections were made under cooperative agreements between the Federal and State agencies. Receiving-market inspections were under direct Federal supervision. Some of the shipments inspected at receiving markets had been inspected previously at shipping points.

Shipping-point inspections were mostly for grade, as defined in the Federal standards. A considerable part of the receiving-market inspections was for condition only. Inspections were requested and paid by the shippers and other financially interested parties and were optional with the applicants except when required by State laws or marketing agreements. In addition to the quantities shown, there were inspections of products for canning factories, institutions, C.C.C. under 1949 Support Price Program, continuous inspections on consumer packages, steamship lines, and Government agencies, amounting to 424,341 cars in 1949.

The figures, particularly in recent years, include some motortruck or less-than-carlot shipment inspections, which have been converted to a carlot basis. For the year beginning July 1949, shipping-point inspections were made in all 48 States and Hawaii and receiving-market inspections in 70 cities.

TABLE 363.—*Fruits and vegetables, processed: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1940-49*

Year beginning July	Continuous inspections <sup>1</sup>				Other inspections <sup>2</sup>			
	Canned	Frozen	Dried or dehydrated	Miscellaneous	Canned	Frozen	Dried or dehydrated	Miscellaneous
	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1940.....	4, 104	2, 500	95	8, 784	1, 080	2, 609	1, 600	
1941.....	14, 096	1, 474	422	105, 500	72, 680	4, 850	200, 500	
1942.....	26, 250	2, 634	1, 995	166, 315	152, 670	5, 520	1, 222, 171	
1943.....	32, 534	2, 700	2, 113	5, 348	173, 862	325, 474	104, 105	301, 293
1944.....	36, 975	17, 554	2, 426	6, 454	207, 870	219, 538	8, 269	388, 107
1945.....	48, 641	34, 576	693	12, 403	55, 067	214, 350	386, 393	266, 631
1946.....	54, 770	66, 312	27, 174	20, 672	27, 262	225, 120	112, 589	173, 376
1947.....	55, 337	58, 659	23, 704	17, 178	33, 662	236, 744	508, 658	213, 634
1948.....	58, 373	93, 493	28, 860	2, 421	33, 503	300, 658	691, 748	170, 354
1949.....	53, 285	345, 151	21, 522	3, 513	51, 497	340, 881	466, 850	37, 618

<sup>1</sup> Inspected during and after processing, by Department of Agriculture inspectors stationed at plants voluntarily contracting for this service.

<sup>2</sup> Includes estimated coverage in the case of miscellaneous lots and samples inspected.

Production and Marketing Administration.

TABLE 364.—*Fruits and vegetables: Unloads*

Commodity	Boston			New York			Philadelphia		
	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total
<b>Fruits:</b>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Apples.....	552	1,317	1,869	2,849	6,371	9,220	886	2,200	3,086
Grapefruit.....	920	98	1,018	4,034	354	4,388	1,092	136	1,228
Grapes.....	1,603	11	1,614	5,207	10	5,217	1,506	34	1,540
Lemons.....	445	17	462	2,904	-----	2,904	888	26	914
Mixed citrus.....	381	3	384	1,745	-----	1,745	703	-----	703
Oranges.....	4,251	145	4,396	12,469	1,441	13,910	4,278	459	4,737
Peaches.....	668	431	1,099	1,128	3,170	4,298	165	1,116	1,281
Pears.....	721	8	729	3,779	147	3,926	865	102	967
Plums and fresh prunes.....	364	3	367	2,038	39	2,127	555	10	565
Strawberries.....	147	340	487	258	621	879	42	398	440
Tangerines.....	153	62	215	802	215	1,017	245	68	313
<b>Total.....</b>	<b>10,205</b>	<b>2,435</b>	<b>12,640</b>	<b>37,263</b>	<b>12,368</b>	<b>49,631</b>	<b>11,225</b>	<b>4,549</b>	<b>15,774</b>
<b>Vegetables:</b>									
Beans (snap, lima, and fava).....	218	599	817	1,395	4,088	5,483	293	1,874	2,167
Cabbage.....	804	807	1,611	1,949	3,233	5,182	945	2,448	3,393
Cantaloups <sup>2</sup> .....	1,392	78	1,470	6,145	391	6,536	1,822	384	2,206
Carrots.....	1,523	409	1,932	3,894	787	4,681	1,406	260	1,666
Cauliflower.....	253	442	695	889	2,087	2,976	331	772	1,103
Celery.....	1,076	666	1,742	3,221	1,999	5,220	1,743	527	2,270
Cucumbers.....	109	881	990	490	2,888	3,378	63	836	899
Lettuce.....	2,283	616	2,899	6,693	3,443	10,136	3,271	1,011	4,282
Mixed vegetables.....	823	1	824	1,894	-----	1,894	697	-----	697
Onions.....	1,374	587	1,961	3,356	3,234	6,590	1,487	1,307	2,794
Peas, green.....	142	19	161	783	84	867	394	41	435
Potatoes.....	3,774	2,338	6,112	11,987	11,421	23,408	4,111	6,476	10,587
Spinach.....	247	560	807	571	1,967	2,538	97	826	923
Sweet potatoes.....	61	486	547	119	2,340	2,459	25	1,393	1,418
Tomatoes.....	2,258	535	2,793	5,712	2,984	8,696	1,740	1,855	3,595
Watermelons.....	1,006	72	1,078	3,548	513	4,061	1,578	543	2,121
<b>Total.....</b>	<b>17,343</b>	<b>9,096</b>	<b>26,439</b>	<b>52,646</b>	<b>41,459</b>	<b>94,105</b>	<b>20,003</b>	<b>20,553</b>	<b>40,556</b>
<b>Miscellaneous.....</b>	<b>2,373</b>	<b>3,886</b>	<b>6,259</b>	<b>39,907</b>	<b>17,926</b>	<b>57,833</b>	<b>2,012</b>	<b>8,571</b>	<b>10,583</b>
<b>Grand total, 1949.....</b>	<b>29,921</b>	<b>15,417</b>	<b>45,338</b>	<b>129,816</b>	<b>71,753</b>	<b>201,569</b>	<b>33,240</b>	<b>33,673</b>	<b>66,913</b>
<b>Total, 1940.....</b>	<b>43,620</b>	<b>16,205</b>	<b>59,825</b>	<b>125,473</b>	<b>82,305</b>	<b>207,778</b>	<b>37,073</b>	<b>37,568</b>	<b>74,641</b>
1941.....	43,246	15,303	58,549	121,454	75,065	196,519	39,244	33,512	72,756
1942.....	36,378	13,858	50,236	109,315	69,879	179,194	35,834	30,085	65,919
1943.....	28,908	10,006	38,914	98,181	54,640	152,821	33,089	23,221	56,310
1944.....	30,899	9,191	40,090	106,702	55,618	162,320	37,153	22,739	59,892
1945.....	38,955	10,117	49,072	110,101	56,310	166,411	38,258	23,375	61,633
1946.....	40,284	9,644	49,928	124,590	60,661	185,251	41,313	26,240	67,553
1947.....	38,167	10,792	48,959	128,651	61,265	189,916	36,023	27,888	63,911
1948.....	34,025	13,010	47,035	133,049	68,284	201,333	36,856	30,860	67,716

See footnotes on next page.



FRUIT AND VEGETABLE UNLOADS

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at 8 markets, 1949, and total unloads, 1940-49

Baltimore			Atlanta			Chicago			Los Angeles			San Francisco		
Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total
Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
402	724	1,126	686	992	1,678	2,407	1,821	4,228	941	3,657	4,598	182	737	919
347	191	538	62	348	410	924	885	1,809	111	1,607	1,718	158	304	462
388	1	389	269	20	289	1,802	46	1,848	28	1,785	1,813	108	305	413
381	-----	381	382	2	384	1,166	40	1,206	-----	1,492	1,492	2	235	237
201	-----	201	45	-----	45	210	-----	210	10	-----	10	8	-----	8
1,136	526	1,662	235	1,041	1,276	3,799	1,814	5,613	34	3,778	3,812	64	1,243	1,307
43	527	570	11	454	465	949	865	1,814	29	2,125	2,154	6	470	476
273	18	291	109	66	175	1,054	70	1,124	184	1,404	1,588	28	414	442
148	16	164	25	-----	25	770	11	781	25	625	650	12	81	93
5	145	150	-----	46	46	273	453	726	-----	-----	-----	-----	-----	-----
48	60	108	2	70	72	162	167	329	-----	121	121	-----	16	16
3,372	2,208	5,580	1,826	3,039	4,865	13,516	6,172	19,688	1,362	16,594	17,956	568	3,805	4,373
159	1,681	1,840	19	1,341	1,360	389	790	1,179	47	1,528	1,575	21	330	351
188	1,366	1,554	26	1,883	1,909	1,452	1,358	2,810	117	3,193	3,310	39	520	559
711	502	1,213	136	604	740	2,169	136	2,305	96	3,144	3,240	56	733	789
481	55	536	224	28	252	2,209	1,332	3,541	281	2,546	2,827	93	718	811
175	201	376	52	32	84	1,101	593	1,694	15	6,852	2,867	-----	601	601
732	120	852	75	225	300	2,430	1,371	3,801	53	6,716	6,769	51	923	974
8	252	260	1	123	124	3,303	1,083	1,386	10	823	833	-----	117	117
1,305	130	1,435	783	37	820	5,833	270	6,103	38	8,419	8,457	39	1,843	1,882
443	-----	443	191	73	264	1,980	-----	1,980	89	-----	89	34	2	36
707	262	969	146	923	1,069	3,236	1,305	4,541	817	1,658	2,475	397	258	655
135	11	146	6	11	17	182	-----	182	22	441	463	3	149	152
1,933	2,980	4,913	1,353	2,093	3,446	16,881	146	17,027	4,571	9,587	14,158	2,074	976	3,050
77	250	327	2	48	50	215	296	511	1	1,324	1,325	1	319	320
29	558	587	-----	764	764	318	1,125	1,443	3	944	947	1	247	248
697	805	1,502	129	1,442	1,571	3,167	1,454	4,621	938	6,340	7,278	236	1,260	1,496
323	1,725	2,048	23	2,194	2,217	2,868	142	3,010	185	3,209	3,394	76	376	452
8,103	10,898	19,001	3,166	11,821	14,987	44,733	11,401	56,134	7,283	52,724	60,007	3,121	9,372	12,493
332	2,445	2,777	947	3,931	4,878	7,416	5,327	12,743	5,895	14,594	20,489	1,438	2,426	3,864
11,807	15,551	27,358	5,939	18,791	24,730	65,665	22,900	88,565	14,540	83,912	98,452	5,127	15,603	20,730
15,105	-----	-----	4,227	13,378	17,605	67,105	17,877	84,982	12,471	74,533	87,004	7,309	17,563	24,872
15,216	-----	-----	4,751	15,617	20,368	66,009	21,348	87,357	12,548	72,410	84,958	7,688	17,256	24,944
14,901	-----	-----	5,792	13,021	18,813	66,447	17,033	83,480	14,057	60,410	74,467	8,317	16,536	24,853
14,334	-----	-----	6,450	10,081	16,531	59,224	14,790	73,014	13,822	56,471	70,293	7,226	16,263	23,494
15,362	-----	-----	7,283	10,273	17,556	67,218	15,229	82,447	14,369	67,376	71,745	8,180	15,831	24,011
16,670	-----	-----	7,718	11,785	19,503	68,508	14,017	82,525	15,125	63,576	78,701	7,432	16,213	23,645
16,959	-----	-----	8,109	15,210	23,319	72,351	16,518	88,869	14,876	70,685	85,561	7,230	16,570	23,800
16,351	-----	-----	7,900	16,329	24,229	74,571	16,722	91,293	14,633	73,961	88,594	6,091	16,699	22,760
15,649	14,908	30,557	6,775	17,310	24,085	71,965	21,331	93,296	13,617	78,641	92,258	5,818	16,567	22,385

<sup>1</sup> The reported truck receipts here shown for 1949 are estimated to represent approximately the following percentages of the total 1949 truck receipts in these cities: Atlanta and San Francisco, 95 percent; Baltimore, 90 percent; Philadelphia and Los Angeles, 85 percent; Boston, Chicago and New York, 75 percent.

<sup>2</sup> Includes Casaba, Honey Ball, Honey Dew, and Persian melons, and mixed melons of these classes.

Production and Marketing Administration.

TABLE 365.—*Fruits and vegetables: Cold-storage holdings, United States, as of the calendar year high and low, 1940-49*

Calendar Year	Apples		Pears		Frozen fruits		Frozen vegetables	
	High (Dec. 1)	Low (Aug. 1)	High (Oct. 1)	Low (May 1)	High (Nov. 1)	Low (May 1)	High (Nov. 1)	Low (June 1)
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	33,838	<sup>1</sup> 1,138	3,058	<sup>5</sup> 55	<sup>2</sup> 166,403	76,069	86,047	46,395
1941.....	<sup>3</sup> 31,325	<sup>1</sup> 2,311	4,179	68	<sup>2</sup> 212,347	81,918	<sup>4</sup> 100,440	43,878
1942.....	35,761	<sup>1</sup> 1,253	4,160	46	<sup>5</sup> 225,104	101,810	<sup>5</sup> 117,796	49,548
1943.....	<sup>6</sup> 30,577	<sup>1</sup> 1,816	4,232	90	243,547	<sup>7</sup> 96,515	<sup>4</sup> 195,509	56,689
1944.....	35,616	227	5,106	<sup>8</sup> 6	301,590	<sup>7</sup> 116,930	186,984	98,910
1945.....	<sup>6</sup> 32,686	<sup>8</sup> 586	5,185	<sup>5</sup> 15	381,267	<sup>7</sup> 159,436	204,093	77,131
1946.....	33,413	112	8,138	<sup>7</sup> 14	510,257	<sup>7</sup> 278,109	<sup>4</sup> 351,474	<sup>9</sup> 140,277
1947.....	35,790	219	6,639	<sup>5</sup> 2	<sup>6</sup> 470,710	319,718	<sup>5</sup> 353,239	230,827
1948.....	<sup>9</sup> 29,807	148	4,018	<sup>10</sup> 4	<sup>2</sup> 371,565	247,895	311,968	160,423
1949.....	<sup>3</sup> 35,224	175	<sup>2</sup> 5,470	<sup>8</sup> 4	<sup>5</sup> 355,552	237,419	387,681	186,821

<sup>1</sup> From 1939 to 1943 figures were not gathered for July, August, and September. The figures, as given here, are as of June 1.

<sup>2</sup> Sept. 1. <sup>3</sup> Nov. 1. <sup>4</sup> Dec. 1. <sup>5</sup> Oct. 1. <sup>6</sup> Jan. 1. <sup>7</sup> June 1. <sup>8</sup> July 1. <sup>9</sup> May 1. <sup>10</sup> Aug. 1.

Production and Marketing Administration.

TABLE 366.—*Almonds (in the shell): Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-49<sup>1</sup>*

Ye	California			Imports, year beginning July <sup>2</sup>	Year	California			Imports, year beginning July <sup>2</sup>
	Production	Price	Farm value			Production	Price	Farm value	
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929.....	4,700	480	2,256	33,258	1940.....	12,000	324	3,888	3,309
1930.....	13,500	200	2,700	22,108	1941.....	6,000	704	4,224	6,205
1931.....	14,800	176	2,605	13,898	1942.....	23,800	442	10,520	1,686
1932.....	14,000	165	2,310	8,177	1943.....	17,500	732	12,810	18,876
1933.....	12,900	186	2,399	5,686	1944.....	24,000	744	17,856	37,577
1934.....	10,900	180	1,962	4,978	1945.....	27,200	720	19,584	30,465
1935.....	9,300	280	2,604	17,927	1946.....	37,800	486	18,371	15,082
1936.....	7,600	402	3,055	19,069	1947.....	29,200	558	16,294	19,740
1937.....	20,000	275	5,500	5,122	1948.....	34,000	422	14,348	17,159
1938.....	15,000	258	3,870	2,510	1949 <sup>3</sup> .....	43,300	332	14,376	-----
1939.....	21,600	209	4,514	2,292					

<sup>1</sup> The 1940 census reported small quantities of almonds produced in several other States in 1939 but about 99.9 percent of the total production was in California.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 3.33.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Imports from reports of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 410.

TABLE 367.—*Filberts (in the shell): Production, season average price per ton received by farmers, and value, Oregon and Washington, and imports, United States, 1929-49*<sup>1</sup>

Year	Oregon			Washington			Oregon and Washington			Imports, year be- ginning July <sup>2</sup>
	Produc- tion <sup>2</sup>	Price	Farm value	Produc- tion <sup>2</sup>	Price	Farm value	Produc- tion <sup>2</sup>	Price	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	
1929	200	300	60							7,877
1930	300	340	102							7,931
1931	380	250	95	40	260	10	420	250	105	5,797
1932	400	200	80	90	210	19	490	202	99	6,570
1933	930	300	279	140	280	39	1,070	237	318	3,525
1934	1,000	200	200	210	210	44	1,210	202	244	3,544
1935	1,100	260	286	140	285	40	1,240	263	326	3,993
1936	1,850	270	500	250	270	68	2,100	270	568	4,798
1937	2,230	215	479	340	230	78	2,570	217	557	2,728
1938	2,060	220	453	380	250	95	2,440	225	548	2,221
1939	3,300	220	726	590	262	155	3,890	226	881	3,493
1940	2,700	240	648	510	300	153	3,210	250	801	1,672
1941	4,900	300	1,470	850	340	289	5,750	306	1,759	92
1942	3,600	346	1,211	670	380	255	4,270	352	1,466	66
1943	6,200	500	3,050	830	490	407	7,030	499	3,457	1,173
1944	5,600	540	2,970	920	540	497	6,520	540	3,467	8,072
1945	4,500	550	2,475	820	558	458	5,320	551	2,933	11,089
1946	7,300	380	2,774	1,150	408	469	8,450	384	3,243	13,451
1947	7,700	250	1,925	1,100	264	290	8,800	252	2,215	4,671
1948	5,300	260	1,326	1,140	250	255	6,440	258	1,581	8,640
1949 <sup>3</sup>	9,700	220	2,112	1,440	210	279	11,140	219	2,391	

<sup>1</sup> The 1940 census reported small quantities of hazelnuts (filberts) produced in several other States in 1939, but 99.8 percent of the total production was in Oregon and Washington.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): Oregon, 1942-100; 1943-100; 1944-100; 1948-200; 1949-100. Washington, 1943-120; 1949-110. Price and value apply only to that portion of the crop utilized.

<sup>3</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.22. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Imports from reports of Department of Commerce.

TABLE 368.—*Pecans (in the shell): Production, season average price per pound received by farmers, and value, 12 States,<sup>1</sup> and foreign trade, United States, 1929-49*

Year	Improved varieties			Seedlings			Total			Foreign trade	
	Pro- duc- tion	Price <sup>2</sup>	Farm value	Pro- duc- tion	Price <sup>2</sup>	Farm value	Pro- duc- tion	Price <sup>2</sup>	Farm value	Im- ports <sup>3</sup>	Domes- tic ex- ports <sup>3</sup>
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1929	8,839	31.7	2,803	44,501	11.4	5,064	53,340	14.7	7,867	731	-----
1930	13,875	27.7	3,843	43,260	10.8	4,692	57,135	14.9	8,535	503	-----
1931	22,002	13.9	3,059	66,461	5.8	3,839	88,463	7.8	6,898	461	-----
1932	11,813	13.5	1,696	56,421	4.4	2,480	68,234	6.0	4,076	24	-----
1933	22,941	13.0	2,975	55,871	6.0	3,349	78,812	8.0	6,324	711	-----
1934	19,468	15.5	3,021	36,704	11.0	4,037	56,172	12.6	7,058	1,035	-----
1935	29,464	12.4	3,657	95,021	5.0	4,747	124,485	6.8	8,404	699	363
1936	32,257	14.7	4,740	27,530	9.6	2,650	59,787	12.4	7,390	122	1,806
1937	40,026	10.9	4,369	67,164	5.8	3,919	107,190	7.7	8,288	465	2,614
1938	35,291	11.8	4,153	39,032	7.2	2,817	74,323	9.4	6,970	386	3,853
1939	40,944	12.2	4,975	56,116	7.8	4,399	97,060	9.7	9,374	563	2,483
1940	42,126	12.8	5,391	80,758	6.9	5,579	122,884	8.9	10,970	358	1,012
1941	51,452	12.8	6,563	70,829	8.5	5,972	121,781	10.3	12,535	4	563
1942	45,383	18.9	8,571	31,991	14.6	4,673	77,374	17.1	13,244	7	75
1943	57,173	28.5	16,277	75,869	19.0	14,381	133,042	23.0	30,658	838	1,206
1944	61,218	27.8	16,996	82,001	17.0	13,965	143,219	21.6	30,961	432	3,953
1945	59,316	29.1	17,285	81,860	20.0	16,408	141,176	23.9	33,693	850	4,208
1946	33,635	40.1	13,484	43,071	28.9	12,465	76,706	33.8	25,949	660	3,001
1947	44,870	29.5	13,220	73,769	18.4	13,560	118,639	22.6	26,780	1,384	601
1948	76,551	15.3	11,716	101,116	9.98	10,096	177,667	12.3	21,812	477	1,652
1949 <sup>4</sup>	47,373	21.7	10,272	80,801	16.9	13,661	128,147	18.7	23,933	271	3,407

<sup>1</sup> North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, and—through 1946—Illinois and Missouri.

<sup>2</sup> Prior to 1937 prices are as of Dec. 1.

<sup>3</sup> Exports of shelled nuts converted to in-the-shell basis at ratio of 1 to 2.5. Imports of shelled nuts converted at ratio of 1 to 2.63. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from reports of the Department of Commerce. Data for 1919-23 in Agricultural Statistics, 1942, table 412.

TABLE 369.—*Pecans (in the shell): Production and season average price per pound received by farmers, by States, average 1938-47, annual 1948 and 1949*

## IMPROVED VARIETIES

State	Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
North Carolina.....	2,229	2,450	2,573	24.7	22.0	25.0
South Carolina.....	1,971	3,100	2,750	23.3	15.0	21.5
Georgia.....	22,308	32,500	14,400	22.4	13.5	21.5
Florida.....	2,353	3,011	2,080	19.9	12.5	19.5
Alabama.....	7,763	17,500	12,700	21.4	14.4	20.0
Mississippi.....	3,210	4,400	4,500	21.1	16.7	20.0
Arkansas.....	647	1,090	650	25.8	15.5	22.0
Louisiana.....	2,254	4,700	2,200	22.4	18.0	21.0
Oklahoma.....	1,315	1,000	2,040	24.6	25.0	27.0
Texas.....	3,050	6,800	3,480	25.7	21.0	27.0
United States.....	<sup>2</sup> 47,141	76,551	47,373	22.4	15.3	21.7

## SEEDLINGS

North Carolina.....	279	302	351	18.9	16.0	19.0
South Carolina.....	338	500	450	16.4	10.0	16.5
Georgia.....	4,070	7,100	3,600	15.9	9.0	16.5
Florida.....	1,751	2,464	1,570	15.1	9.3	15.7
Alabama.....	1,936	3,500	2,800	15.8	9.2	15.4
Mississippi.....	2,936	5,100	5,500	14.6	9.4	15.0
Arkansas.....	2,863	4,650	4,250	16.0	9.5	18.0
Louisiana.....	6,111	14,300	14,800	15.0	10.5	16.0
Oklahoma.....	18,755	13,000	21,960	14.6	10.5	18.0
Texas.....	23,165	50,200	25,520	14.7	10.0	17.0
United States.....	<sup>2</sup> 63,480	101,116	80,801	14.8	9.98	16.9

## TOTAL

North Carolina.....	2,507	2,752	2,924	24.0	21.3	24.3
South Carolina.....	2,309	3,600	3,200	22.3	14.3	20.8
Georgia.....	26,378	39,600	18,000	21.3	12.7	20.5
Florida.....	4,104	5,475	3,650	17.9	11.1	17.9
Alabama.....	9,699	21,000	15,500	20.3	13.5	19.2
Mississippi.....	6,146	9,500	10,000	17.9	12.8	17.2
Arkansas.....	3,510	5,740	4,900	17.8	10.6	18.5
Louisiana.....	8,365	19,000	17,000	17.1	12.4	16.6
Oklahoma.....	20,070	14,000	24,000	15.5	11.5	18.8
Texas.....	26,215	57,000	29,000	16.1	11.3	18.2
United States.....	<sup>2</sup> 110,620	177,667	128,174	18.0	12.3	18.7

<sup>1</sup> Preliminary.<sup>2</sup> U.S. averages include estimated production for Illinois and Missouri from 1938 through 1946. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 370.—*Walnuts, Persian (English), in the shell: Production, season average price per ton received by farmers, and value, California and Oregon, and foreign trade, United States, 1929-49*

Year	California			Oregon			California and Oregon			Foreign trade, year beginning July <sup>1</sup>	
	Pro- duc- tion <sup>1</sup>	Price	Farm value	Pro- duc- tion <sup>1</sup>	Price	Farm value	Pro- duc- tion <sup>1</sup>	Price	Farm value	Domes- tic ex- ports	Im- ports
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1929.....	42,000	320	13,440	1,400	360	504	43,400	321	13,944	-----	24,073
1930.....	29,400	410	12,054	900	400	360	30,300	410	12,414	-----	21,204
1931.....	31,600	219	6,920	2,600	275	715	34,200	223	7,635	-----	15,521
1932.....	45,900	175	8,032	3,200	240	768	49,100	179	8,800	-----	8,044
1933.....	32,700	222	7,259	1,300	280	364	34,000	224	7,623	-----	6,762
1934.....	44,000	187	8,228	3,100	250	775	47,100	191	9,003	3 426	6,288
1935.....	53,300	201	10,713	4,100	230	943	57,400	203	11,656	6,049	5,108
1936.....	44,200	216	9,547	1,600	255	408	45,800	217	9,955	6,160	5,926
1937.....	59,800	180	10,764	2,600	200	580	62,400	181	11,144	5,192	5,643
1938.....	49,000	222	10,878	6,300	215	1,354	55,300	221	12,232	6,353	4,638
1939.....	57,400	168	9,643	5,100	170	867	62,500	168	10,510	4,347	5,438
1940.....	46,400	233	10,811	4,400	200	880	50,800	230	11,691	1,948	5,447
1941.....	63,000	253	15,939	7,000	240	1,680	70,000	252	17,619	2,006	3,322
1942.....	57,600	308	16,971	3,600	286	901	61,200	307	17,872	3 360	302
1943.....	58,500	483	28,256	5,300	420	2,142	63,800	478	30,398	1,174	2
1944.....	65,000	446	28,990	6,800	450	2,925	71,800	446	31,915	1,990	26
1945.....	64,000	514	32,896	6,900	460	3,082	70,900	509	35,978	3,502	455
1946.....	63,000	570	35,910	8,900	440	3,916	71,900	554	39,826	2,826	997
1947.....	59,000	388	22,892	5,600	310	1,705	64,600	381	24,597	2,706	715
1948.....	62,000	442	27,404	9,100	240	2,076	71,100	417	29,480	1,378	3,088
1949 <sup>4</sup> .....	80,200	340	27,268	7,900	220	1,672	88,100	330	28,940	-----	-----

<sup>1</sup> Includes the following quantities unharvested on account of economic conditions and/or not utilized because of excessive cullage (tons): California, 1942—2,500; Oregon, 1937—700; 1942—450; 1943—200; 1944—800; 1945—200; 1947—100; 1948—450; 1949—800. Price and value apply only to that portion of the crop utilized.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.38.

<sup>3</sup> Beginning Jan. 1, 1935; not segregated prior to that date.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from reports of Department of Commerce Data for 1919-28 in Agricultural Statistics, 1942, table 414.

TABLE 371.—*Tree nuts: Commercial production in specified foreign countries, averages 1935-39 and 1940-44, annual 1944-49*

Commodity and country	Average		1944	1945	1946	1947	1948 <sup>1</sup>	1949 <sup>1</sup>
	1935-39	1940-44						
Almonds (shelled basis):	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
France.....	700	800	1,000	500	700	1,000	1,100	300
French Morocco.....	2,800	1,400	600	3,300	2,400	1,200	3,300	1,900
Iran.....	7,500	6,200	5,300	6,600	7,700	6,000	7,000	7,700
Italy.....	31,800	23,800	22,700	50,600	33,000	46,200	18,700	20,000
Portugal.....	3,000	1,600	1,700	2,300	3,700	1,100	2,900	4,200
Spain.....	23,100	25,200	20,900	26,400	24,200	22,000	21,000	21,900
Total.....	68,900	59,000	52,200	89,700	71,700	77,500	54,000	56,000
Brazil nuts (in the shell):								
Brazil.....	39,200	16,500	3,300	6,800	27,500	30,400	18,800	35,200
Bolivia.....	3,700	2,600	0	100	100	100	100	200
Total.....	42,900	19,100	3,300	6,900	27,600	30,500	19,000	35,400
Filberts (in the shell):								
Italy.....	24,000	17,200	21,300	15,700	47,800	9,900	26,400	33,000
Spain.....	26,800	23,700	38,000	18,000	18,200	33,000	14,500	18,000
Turkey.....	65,400	48,500	52,800	33,000	90,000	60,500	55,000	85,800
Total.....	116,200	89,400	112,100	66,700	156,000	103,400	95,900	136,800
Walnuts, Persian (English) (in the shell):								
Bulgaria.....	4,700	5,100	4,400	2,200	3,000	3,500	4,000	4,500
France.....	38,300	23,800	22,000	12,100	10,700	32,000	13,100	13,300
Hungary.....	2,100	2,800	1,900	1,100	1,100	1,000	900	1,000
Italy.....	16,500	12,600	13,800	16,500	13,200	14,000	15,400	27,500
Rumania.....	14,200	3,500	1,600	1,400	1,100	1,200	2,000	2,500
Turkey.....	8,000	8,500	5,500	2,000	5,000	2,200	10,000	12,000
Yugoslavia.....	7,500	2,700	2,200	5,100	5,000	4,000	4,500	5,000
Total.....	91,300	59,000	51,400	40,400	39,100	57,900	49,900	65,800

<sup>1</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 372.—Tree nuts: Supply and distribution, United States, 1929-49<sup>1</sup>

Crop year	In-the-shell basis								Shelled basis	
	U. S. production <sup>2</sup>	Imports <sup>3</sup>	Total supply	Exports <sup>4</sup>	Shipments to territories	Military and war services <sup>4</sup>	Civilian disappearance	Loss in shelling process	Net civilian disappearance	
									Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1929.....	149,940	183,171	333,111	6,808	567	—	325,736	192,482	133,254	1.08
1930.....	145,335	186,242	331,577	7,303	494	—	323,780	192,800	130,980	1.05
1931.....	187,303	182,141	369,444	9,417	635	—	359,392	218,249	141,143	1.13
1932.....	195,414	125,706	321,120	6,845	583	—	313,692	186,278	127,414	1.01
1933.....	174,752	142,401	317,153	25,710	613	—	290,830	179,126	111,704	.88
1934.....	174,692	163,505	338,097	12,462	609	—	325,026	201,144	123,882	.97
1935.....	260,365	214,274	474,639	18,241	626	—	455,772	285,988	169,784	1.32
1936.....	170,787	236,878	407,665	18,323	558	—	388,684	246,466	142,218	1.10
1937.....	277,130	197,005	474,135	15,063	717	—	458,355	286,017	172,338	1.32
1938.....	219,803	211,097	430,900	17,207	831	—	412,862	261,418	151,444	1.15
1939.....	273,040	199,106	472,146	12,758	1,009	—	458,379	285,800	172,579	1.30
1940.....	254,904	245,838	500,742	5,494	952	—	494,296	316,684	177,612	1.33
1941.....	284,907	205,848	490,755	6,085	1,156	—	483,514	314,936	168,578	1.25
1942.....	255,914	64,375	320,289	1,726	938	2,000	315,625	194,220	121,405	.93
1943.....	309,702	77,452	387,154	6,966	941	2,160	377,097	237,384	139,713	1.08
1944.....	347,859	182,648	530,507	8,168	2,348	12,836	507,155	328,249	178,906	1.38
1945.....	348,016	239,277	587,293	29,252	2,032	7,586	548,423	358,000	190,423	1.41
1946.....	313,006	251,051	564,057	15,799	1,633	1,924	544,701	344,491	200,210	1.41
1947.....	323,840	245,347	569,187	10,267	1,610	—	557,310	349,161	208,149	1.42
1948.....	400,747	293,541	694,288	11,679	<sup>5</sup> 1,600	—	651,009	432,601	248,408	1.69
1949.....	413,214	283,249	696,463	13,007	<sup>5</sup> 1,600	—	681,856	424,524	257,332	1.66

<sup>1</sup> These data on tree nuts include almonds, filberts, pecans, walnuts, Brazil nuts, pignolia, pistache, chestnuts, cashews, and miscellaneous tree nuts.

<sup>2</sup> Almonds, filberts, walnuts, and pecans only; no reports on other nuts.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 of year indicated.

<sup>4</sup> Estimated requirements.

<sup>5</sup> Estimated.

Bureau of Agricultural Economics.

TABLE 373.—Tea: Exports from principal producing countries, averages 1935-39 and 1940-44, annual 1946-49

Continent and country	Average		1946	1947	1948 <sup>1</sup>	1949 <sup>1</sup>
	1935-39	1940-44				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asia:						
Ceylon.....	221,568	257,936	291,775	287,259	296,113	297,573
China.....	79,483	20,680	15,172	25,793	21,200	<sup>2</sup> 20,000
French Indochina.....	3,913	1,968	1,658	256	628	900
India.....	<sup>3</sup> 332,735	<sup>3</sup> 382,804	<sup>3</sup> 299,490	<sup>3</sup> 385,357	358,624	490,620
Indonesia.....	153,175	<sup>2</sup> 70,000	6,100	8,670	18,578	47,225
Japan.....	43,280	21,574	7,543	6,794	8,884	16,049
Pakistan.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	32,639	27,265
Taiwan.....	22,779	<sup>5</sup> 16,304	39	10,458	19,800	24,000
Total.....	856,933	771,266	621,777	724,587	756,466	923,632
Africa:						
Kenya.....	8,218	10,094	8,951	9,586	5,023	5,915
Mozambique.....	807	1,691	2,199	3,246	3,419	3,000
Nyasaland.....	8,834	12,183	13,839	12,940	15,071	<sup>2</sup> 14,000
Tanganyika.....	216	882	1,401	998	1,031	957
Uganda.....	135	1,072	1,342	2,417	2,314	2,297
Total.....	18,210	25,922	27,732	29,187	26,858	26,169
Grand total.....	875,143	797,188	649,509	753,774	783,324	949,801

<sup>1</sup> Preliminary.

<sup>2</sup> Approximated from unofficial information.

<sup>3</sup> Includes Pakistan.

<sup>4</sup> Included in India.

<sup>5</sup> 4-year average.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments, publications of the International Tea Committee, and reports of United States Foreign Service officers.

TABLE 374.—*Coffee: Exports from principal producing countries, averages 1935-39 and 1940-44, annual 1946-49*

Continent and country	Average		1946	1947	1948 <sup>1</sup>	1949 <sup>1</sup>
	1935-39	1940-44				
North America:	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>
Costa Rica.....	343	340	262	327	384	273
Dominican Republic.....	187	162	174	152	192	240
El Salvador.....	922	903	805	1,127	1,004	1,260
Guatemala.....	759	762	878	931	809	914
Haiti.....	448	358	414	358	381	553
Honduras <sup>3</sup> .....	27	28	63	32	53	100
Mexico.....	599	485	555	548	524	818
Nicaragua.....	264	218	196	167	242	113
Total.....	3,539	3,256	3,347	3,642	3,589	4,271
South America:						
Brazil.....	15,095	10,812	15,505	14,830	17,492	19,369
Colombia.....	3,972	4,370	5,662	5,339	5,588	5,409
Ecuador.....	223	198	127	173	325	175
Venezuela.....	734	528	661	508	595	363
Total.....	20,024	15,908	21,955	20,850	24,000	25,316
Africa:						
Angola.....	268	303	778	734	890	789
Belgian Congo.....	283	337	326	406	509	525
British East Africa.....	736	696	786	721	1,076	715
Ethiopia.....	183	200	264	244	260	250
Ivory Coast.....	185	339	607	734	938	860
Madagascar.....	456	338	372	489	332	390
Total.....	2,111	2,213	3,133	3,328	4,005	3,529
Asia:						
India.....	155	51	579	538	51	550
Indonesia.....	1,357	( <sup>6</sup> )	26	6	37	89
Yemen.....	76	78	795	7105	7100	795
Total.....	1,588	129	200	149	138	234
Grand total.....	27,262	21,506	28,635	27,969	31,732	33,350

<sup>1</sup> Preliminary.<sup>2</sup> Bags of 132.276 pounds (60 kilograms).<sup>3</sup> 12 months ending June 30 of year shown.<sup>4</sup> 3-year average.<sup>5</sup> 12 months beginning April 1 of year shown.<sup>6</sup> Not available.<sup>7</sup> Approximated from unofficial information.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.



TABLE 375.—*Cacao beans: Exports from principal producing countries, averages 1935-39 and 1940-44, annual 1946-49*

Continent and country	Average		1946	1947	1948 <sup>1</sup>	1949 <sup>1</sup>
	1935-39	1940-44				
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
North America:						
Costa Rica.....	14,356	11,416	8,735	10,687	9,384	12,500
Cuba.....	93	55	0	1,649	930	0
Dominican Republic.....	54,049	50,055	55,548	66,134	56,705	44,163
Grenada.....	8,536	6,868	5,804	5,179	5,224	3,480
Haiti <sup>2</sup> .....	3,349	3,173	2,765	4,194	3,956	3,439
Jamaica.....	4,750	4,216	3,191	4,067	4,221	4,119
Nicaragua.....	792	380	897	598	300	600
Panama.....	10,418	6,089	4,781	6,569	5,872	5,676
Trinidad and Tobago.....	31,635	14,477	6,627	9,010	18,286	12,960
Total.....	127,978	96,729	88,348	108,087	104,878	86,937
South America:						
Brazil.....	263,980	233,109	287,613	218,350	160,295	291,539
Ecuador.....	42,372	31,443	36,434	45,760	36,729	42,132
Venezuela.....	36,934	31,432	<sup>3</sup> 36,402	27,569	39,491	29,802
Total.....	343,286	295,984	360,449	291,679	236,515	363,473
Africa:						
Angola.....	679	399	873	784	627	716
Belgian Congo.....	2,809	2,265	2,406	4,325	4,894	3,995
Fernando Po and Rio Muni.....	<sup>4</sup> 25,168	29,020	29,586	28,000	28,069	34,000
French Cameroons.....	58,349	56,130	74,857	74,297	105,636	100,000
French Equatorial Africa.....	( <sup>5</sup> )	( <sup>5</sup> )	3,075	3,519	4,500	3,800
French Togoland.....	20,630	7,168	4,074	5,963	6,515	4,400
Gold Coast <sup>6</sup> .....	609,363	428,705	529,348	396,789	432,905	557,059
Ivory Coast and Dahomey.....	109,937	58,313	62,562	61,835	90,874	125,000
Nigeria <sup>7</sup> .....	216,318	184,528	224,417	248,176	239,492	226,633
Sao Thome and Principe.....	22,496	14,837	22,734	18,394	18,000	18,500
Total.....	1,065,749	781,365	953,932	842,082	931,512	1,074,103
Asia and Oceania:						
Ceylon.....	7,931	7,349	3,051	4,097	5,195	6,091
Indonesia.....	3,348	<sup>8</sup> 600	0	0	1	359
New Hebrides.....	3,916	3,351	<sup>8</sup> 2,750	<sup>8</sup> 3,100	<sup>8</sup> 2,700	<sup>8</sup> 2,500
Western Samoa.....	2,326	3,469	4,224	5,327	3,600	5,000
Total.....	17,521	14,769	10,025	12,524	11,496	13,950
Grand total.....	1,554,534	1,188,847	1,412,754	1,254,372	1,284,401	1,538,463

<sup>1</sup> Preliminary.<sup>2</sup> 12 months ending September 30 of year shown.<sup>3</sup> Revised.<sup>4</sup> 3-year average.<sup>5</sup> Not available.<sup>6</sup> Includes British Mandated Togoland.<sup>7</sup> Includes British Mandated Cameroons.<sup>8</sup> Approximated from unofficial information.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments and reports of United States Foreign Service officers.

## CHAPTER V

### STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

The data in chapter V deal with hay, pasture, seeds, and various minor field crops. The reader will note a break in the continuity of some of the hay series; this results from a change in the method of estimating prairie or wild hay. Beginning in 1939, wild hay is estimated for only 22 Western States. In the remaining 26 States, wild hay is now included in "other hay," along with the kinds formerly grouped as "miscellaneous tame hay." Therefore, the group "all tame hay" can no longer be segregated in the table entitled "Hay, by kinds: Acreage and production, United States, 1929-49," as has been done in the past. And under both acreage harvested and production, the estimates from 1939 to date in the columns headed "Other hay" and "Wild hay" are not quite comparable with estimates for previous years.

Table 397 shows the seeding rates for a number of specified crops. The State averages represent the latest information available and are based largely on surveys made annually or every few years. The United States average rates are derived by weighting the average for each State by the acreage planted to the particular crop.

TABLE 376.—*Hay, all: Acreage, yield, production, value, and foreign trade, United States, 1929-49*

Year	Acreage harvested	Yield per acre	Production	Season average price per ton received by farmers <sup>1</sup>	Farm value	Foreign trade, year beginning July <sup>2</sup>	
						Domestic exports	Imports
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1929	67,828	1.26	85,281				
1929	69,531	1.26	87,357	10.94	955,768	9	60
1930	67,947	1.10	74,527	11.06	823,985	6	121
1931	68,160	1.10	75,203	8.73	656,321	3	20
1932	70,412	1.19	83,721	6.20	518,989	2	9
1933	68,439	1.10	75,072	8.09	607,271	2	2
1934	68,626	.90	62,084				
1934	65,387	.93	60,485	13.18	797,141	3	88
1935	68,550	1.32	90,364	7.62	679,252	2	5
1936	67,732	1.03	70,014	11.16	781,329	3	204
1937	66,001	1.26	83,002	8.74	725,719	111	23
1938	68,175	1.34	91,420	6.78	619,942	3	30
1939	66,979	1.26	82,413				
1939	69,243	1.25	86,533	7.94	686,903	4	65
1940	73,068	1.31	96,050	7.59	728,763	6	28
1941	73,136	1.31	95,754	9.70	928,568	3	5
1942	74,827	1.44	107,717	10.80	1,161,362	2	40
1943	77,004	1.34	103,128	14.80	1,523,795	2	372
1944	(4)		99,305				
1944	77,541	1.33	102,745	16.50	1,698,149	8	130
1945	77,017	1.41	108,539	15.10	1,641,426	29	229
1946	74,173	1.36	100,739	16.70	1,678,505	18	133
1947	75,489	1.36	102,765	17.70	1,815,846	18	109
1948	73,208	1.36	99,471	23.60	2,349,505	21	108
1949 <sup>5</sup>	72,835	1.36	99,305	21.30	2,116,456		

<sup>1</sup> Price for hay sold loose through 1947. Beginning with 1948, prices are for hay sold baled. Price for hay sold loose in 1948 was \$18.90 per ton.

<sup>2</sup> Compiled from reports of the Department of Commerce.

<sup>3</sup> Imports for consumption beginning 1933.

<sup>4</sup> Not available. Acreage, excluding peanut hay, was 72,286,611 acres.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 377.—Hay, by kinds: Acreage and production, United States, 1929-49

## ACREAGE HARVESTED

Year	Alfalfa	Clover and timothy	Sweet-clover	Lespedeza	Soy-bean	Cow-pea	Peanut-vine	Grains cut green for hay	Other hay <sup>1</sup>	Wild hay <sup>2</sup>	All hay
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	11,529	29,867	952	349	1,774	953	1,252	3,208	5,857	13,790	69,531
1930.....	11,609	29,980	853	440	2,062	1,091	1,045	3,833	5,973	13,951	67,947
1931.....	11,740	24,978	812	584	2,772	1,571	1,415	5,976	6,255	12,057	68,160
1932.....	12,607	23,449	842	893	2,738	2,451	1,415	5,018	6,612	14,293	70,412
1933.....	12,713	23,249	739	1,171	2,506	1,991	1,242	5,559	6,640	12,629	68,439
1934.....	11,691	20,143	744	1,850	4,227	2,321	1,628	6,793	7,064	9,026	65,387
1935.....	13,648	19,746	647	2,715	4,044	1,975	1,510	4,621	6,796	12,948	68,550
1936.....	14,062	21,029	1,118	2,253	3,116	2,006	1,617	5,629	5,777	11,125	67,732
1937.....	13,633	18,105	967	3,099	3,469	2,239	1,502	4,541	6,774	12,072	66,001
1938.....	13,366	19,524	935	3,669	3,724	1,915	1,684	3,702	7,113	12,563	68,175
1939.....	13,257	18,674	998	4,731	4,590	1,863	1,858	3,913	7,838	11,521	69,243
1940.....	14,023	20,451	758	5,062	4,819	1,976	1,983	3,981	8,247	11,758	73,058
1941.....	15,195	20,000	1,005	5,540	3,546	1,887	1,808	3,637	8,066	12,452	73,136
1942.....	16,199	20,681	668	6,730	2,621	1,760	2,957	2,724	7,683	12,804	74,827
1943.....	15,518	22,076	491	6,382	3,177	1,215	3,595	2,900	7,690	13,960	77,004
1944.....	15,233	23,279	437	6,062	2,583	793	2,946	2,898	8,186	15,124	77,541
1945.....	15,261	23,506	484	7,144	1,939	715	2,928	2,728	7,780	14,532	77,017
1946.....	14,412	24,320	370	6,394	1,533	505	2,909	2,457	7,412	13,861	74,173
1947.....	14,846	23,556	( <sup>3</sup> )	6,520	1,333	450	3,031	2,346	8,587	14,820	75,489
1948.....	15,017	21,878	( <sup>3</sup> )	6,668	1,160	402	2,962	2,207	8,230	14,684	73,208
1949 <sup>4</sup> .....	17,288	19,274	( <sup>3</sup> )	7,010	1,172	468	2,033	2,583	8,089	14,918	72,835

## PRODUCTION

Year	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929.....	23,787	38,139	1,098	380	2,051	805	574	3,433	5,751	11,539	87,357
1930.....	22,713	27,187	887	331	1,938	764	456	4,107	5,322	10,822	74,527
1931.....	21,395	27,620	839	632	3,479	1,416	698	4,871	6,038	8,214	75,205
1932.....	25,924	25,831	975	923	3,433	2,059	692	5,293	6,638	11,953	83,721
1933.....	24,113	24,072	750	1,298	2,917	1,692	527	4,702	6,225	8,776	75,072
1934.....	19,036	16,512	620	1,709	4,645	1,830	660	4,949	5,922	4,802	60,485
1935.....	28,564	25,804	834	2,854	5,422	1,584	782	5,172	7,419	11,929	90,364
1936.....	24,737	20,588	1,016	1,800	3,002	1,438	755	4,369	4,987	7,322	70,014
1937.....	26,685	23,198	805	3,287	4,731	1,949	802	4,544	7,232	9,769	83,002
1938.....	28,503	26,278	1,173	4,293	5,335	1,670	869	4,278	7,955	11,066	91,420
1939.....	26,935	22,420	1,163	5,049	6,772	1,599	845	4,053	8,272	9,425	86,533
1940.....	30,286	27,557	926	5,105	6,450	1,683	1,105	4,348	9,094	9,496	96,050
1941.....	32,917	24,350	1,319	5,647	4,616	1,567	933	4,383	8,763	11,259	95,754
1942.....	37,162	30,002	892	7,714	3,555	1,483	1,365	3,656	9,018	12,870	107,717
1943.....	33,442	31,322	622	6,254	3,837	908	1,692	3,788	8,758	12,505	103,128
1944.....	33,270	31,633	547	5,671	3,041	633	1,312	3,586	8,923	14,129	102,745
1945.....	34,462	35,071	599	7,848	2,476	646	1,412	3,567	9,208	13,250	108,539
1946.....	31,741	34,341	421	7,198	1,984	451	1,405	3,083	8,571	11,544	100,739
1947.....	33,450	32,772	( <sup>3</sup> )	6,740	1,631	366	1,875	2,948	10,004	13,479	102,765
1948.....	34,083	29,169	( <sup>3</sup> )	7,627	1,550	359	1,456	2,848	9,701	12,678	99,471
1949 <sup>4</sup> .....	38,546	24,657	( <sup>3</sup> )	8,571	1,634	448	1,079	2,963	9,111	12,296	99,305

<sup>1</sup> Includes small quantities of kinds of hay in the other columns, in some States where they are not of sufficient importance to estimate separately.

<sup>2</sup> Beginning 1939, estimates for 22 States only, as shown in table 378.

<sup>3</sup> Separate estimates discontinued.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 429, and for 1919-23 in 1941 book, table 414.

TABLE 378.—*Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1938-47, annual 1948 and 1949*

State and division	Alfalfa hay						Clover and timothy hay <sup>2</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
Maine.....	5	4	5	7	5	8	465	426	413	493	490	454
New Hampshire.....	4	4	5	7	9	10	175	155	149	222	209	179
Vermont.....	22	29	30	46	67	62	582	613	564	830	950	761
Massachusetts.....	11	12	13	25	28	27	217	206	200	365	391	330
Rhode Island.....	1	1	1	2	2	2	17	16	15	25	26	22
Connecticut.....	22	28	32	54	67	78	142	145	133	225	254	219
New York.....	396	345	362	777	724	670	2,741	2,612	2,586	4,062	4,310	3,232
New Jersey.....	68	62	74	146	143	163	124	129	123	179	213	191
Pennsylvania.....	288	268	300	548	523	585	1,936	1,954	1,954	2,662	2,736	2,638
North Atlantic.....	818	753	822	1,611	1,568	1,605	6,397	6,256	6,137	9,062	9,579	8,026
Ohio.....	456	367	528	895	716	1,082	1,829	1,954	1,739	2,453	2,638	2,261
Indiana.....	427	376	500	791	696	950	980	1,030	742	1,195	1,236	890
Illinois.....	510	563	805	1,171	1,323	2,012	1,382	1,365	969	1,838	1,774	1,260
Michigan.....	1,202	1,036	1,190	1,874	1,606	1,844	1,267	1,221	1,026	1,610	1,587	1,180
Wisconsin.....	1,047	1,102	1,653	2,286	2,039	3,554	2,586	2,534	1,900	4,061	3,041	2,280
Minnesota.....	1,178	880	1,091	2,374	1,804	2,182	1,028	1,143	903	1,516	1,429	1,084
Iowa.....	901	654	1,046	2,013	1,406	2,249	2,054	2,017	1,735	2,860	2,219	2,342
Missouri.....	282	336	386	719	974	1,042	1,130	1,157	1,053	1,126	1,273	1,211
North Dakota.....	160	225	256	225	326	346	5	4	4	6	5	4
South Dakota.....	303	457	548	454	777	712	12	21	21	13	27	16
Nebraska.....	781	1,054	1,117	1,460	2,213	2,260	20	58	39	24	67	45
Kansas.....	704	1,036	1,026	1,422	2,435	2,155	55	111	105	69	139	136
North Central.....	7,952	8,086	10,146	15,683	16,315	20,418	12,348	12,615	10,236	16,711	15,435	12,709
Delaware.....	5	7	6	11	16	14	32	28	26	42	35	35
Maryland.....	45	55	63	90	113	135	295	306	297	365	398	386
Virginia.....	66	105	118	140	262	295	463	492	482	550	664	675
West Virginia.....	47	57	67	96	123	141	412	452	438	487	588	526
North Carolina.....	11	39	51	23	92	128	75	86	95	85	95	119
Georgia.....	4	4	5	6	7	11	6	8	8	6	8	8
South Atlantic.....	179	267	310	370	613	724	1,284	1,372	1,346	1,534	1,788	1,749
Kentucky.....	217	264	275	461	528	605	392	402	362	487	502	434
Tennessee.....	111	176	188	254	361	451	181	182	175	214	200	210
Alabama.....	6	16	22	11	34	46	5	5	5	4	5	5
Mississippi.....	61	51	41	137	122	94	11	13	12	12	14	16
Arkansas.....	101	107	102	241	321	280	25	31	28	27	42	39
Louisiana.....	24	18	21	50	43	50	19	23	25	20	23	28
Oklahoma.....	307	421	413	588	926	888						
Texas.....	120	130	135	306	351	371						
South Central.....	947	1,183	1,197	2,048	2,686	2,785	633	656	607	765	786	732
Montana.....	700	774	759	1,154	1,316	1,138	184	241	224	252	337	291
Idaho.....	799	757	780	1,958	1,968	2,028	119	98	93	157	132	121
Wyoming.....	346	310	310	580	496	527	82	84	84	101	92	92
Colorado.....	634	624	605	1,312	1,435	1,392	157	158	158	228	237	237
New Mexico.....	137	136	148	374	408	429	11	14	14	15	20	17
Arizona.....	200	176	201	505	458	543						
Utah.....	427	380	388	948	912	970	25	22	21	42	33	38
Nevada.....	107	106	110	262	276	308	27	34	33	37	51	56
Washington.....	312	296	296	760	799	725	188	171	176	397	385	352
Oregon.....	275	244	254	712	671	673	114	118	106	206	218	175
California.....	898	925	962	3,940	4,162	4,281	37	39	39	68	76	62
Western.....	4,835	4,728	4,813	12,505	12,901	13,014	944	979	948	1,503	1,581	1,441
United States.....	14,731	15,017	17,288	32,217	34,083	38,546	21,607	21,878	19,274	29,575	29,169	24,657

See footnotes at end of table.

TABLE 378.—*Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1938-47, annual 1948 and 1949—Continued*

State and division	Wild hay <sup>2</sup>						Lespedeza hay <sup>4</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
Ohio.....							<sup>5</sup> 9	8	10	<sup>5</sup> 11	10	13
Indiana.....							92	80	95	101	88	109
Illinois.....							104	105	116	111	121	133
Wisconsin.....	134	130	105	158	130	110						
Minnesota.....	1,401	1,230	1,132	1,549	1,292	1,132						
Iowa.....	112	86	86	132	99	99						
Missouri.....	149	150	142	171	195	185	1,245	1,595	1,755	1,270	1,914	2,194
North Dakota.....	2,205	2,468	2,493	1,917	2,098	1,994						
South Dakota.....	2,478	3,532	3,673	1,817	2,472	2,020						
Nebraska.....	2,744	2,759	3,007	1,988	1,793	2,255						
Kansas.....	633	632	657	682	790	756	<sup>5</sup> 70	96	106	<sup>5</sup> 75	120	127
North Central.....	9,855	10,987	11,295	8,413	8,869	8,551	1,512	1,884	2,082	1,559	2,253	2,576
Delaware.....							12	19	17	13	22	18
Maryland.....							29	50	48	33	58	62
Virginia.....							441	501	466	459	576	536
West Virginia.....							24	19	20	26	21	22
North Carolina.....							437	503	498	478	553	598
South Carolina.....							144	266	274	130	266	288
Georgia.....							143	220	209	121	209	199
South Atlantic.....							1,230	1,578	1,532	1,259	1,705	1,723
Kentucky.....							742	716	888	856	788	1,154
Tennessee.....							1,193	1,052	1,115	1,297	1,105	1,394
Alabama.....							113	109	104	95	104	99
Mississippi.....							280	321	295	330	417	384
Arkansas.....	180	194	178	188	262	231	614	776	745	595	970	894
Louisiana.....							87	115	104	108	121	151
Oklahoma.....	418	409	405	462	511	486	<sup>5</sup> 59	117	145	<sup>5</sup> 59	164	196
Texas.....	182	175	163	190	149	187						
South Central.....	780	778	746	839	922	904	3,082	3,206	3,396	3,334	3,669	4,272
Montana.....	782	898	844	685	808	717						
Idaho.....	135	153	161	150	153	169						
Wyoming.....	477	475	508	404	285	457						
Colorado.....	424	451	474	410	496	521						
New Mexico.....	19	17	16	15	13	13						
Arizona.....	4	3	3	3	3	3						
Utah.....	88	105	110	106	126	143						
Nevada.....	248	267	267	261	280	280						
Washington.....	45	48	42	53	62	46						
Oregon.....	259	330	280	294	412	294						
California.....	176	172	172	221	249	198						
Western.....	2,656	2,919	2,877	2,603	2,887	2,841						
United States.....	13,291	14,684	14,918	11,855	12,678	12,296	5,823	6,668	7,010	6,152	7,627	8,571

<sup>1</sup> Preliminary.<sup>2</sup> Excludes sweetclover and lespedeza hay.<sup>3</sup> Includes prairie, marsh, and salt grass hays.<sup>4</sup> Small quantities are produced in other States where they are not estimated separately.<sup>5</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 379.—Hay, all: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949

State and division	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47 <sup>2</sup>	1948 <sup>3</sup>	1949 <sup>1,3</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Maine.....	895	879	877	0.96	1.00	0.95	855	880	834	14.00	27.80	29.40
New Hampshire.....	370	371	361	1.15	1.20	1.08	424	445	391	16.10	29.00	33.30
Vermont.....	987	1,047	1,050	1.36	1.53	1.30	1,349	1,597	1,369	14.70	26.60	34.90
Massachusetts.....	371	372	374	1.53	1.76	1.50	569	653	561	20.90	33.80	38.20
Rhode Island.....	36	36	36	1.37	1.47	1.39	49	53	50	21.20	32.90	37.50
Connecticut.....	293	294	291	1.61	1.66	1.59	442	488	464	21.10	34.40	39.10
New York.....	3,948	3,922	3,826	1.46	1.61	1.27	5,770	6,306	4,878	13.20	21.50	27.40
New Jersey.....	258	246	253	1.60	1.77	1.70	414	436	430	20.70	31.10	31.80
Pennsylvania.....	2,428	2,348	2,389	1.43	1.46	1.42	3,470	3,430	3,392	14.60	23.70	24.90
North Atlantic.....	9,586	9,515	9,457	1.39	1.50	1.31	13,341	14,288	12,369	14.70	24.60	29.00
Ohio.....	2,552	2,448	2,429	1.46	1.44	1.46	3,714	3,516	3,556	13.00	24.00	22.40
Indiana.....	1,929	1,643	1,536	1.37	1.36	1.44	2,639	2,231	2,212	13.50	22.40	21.70
Illinois.....	2,880	2,341	2,213	1.42	1.51	1.70	4,071	3,544	3,753	13.10	23.90	21.10
Michigan.....	2,738	2,632	2,553	1.38	1.37	1.32	3,785	3,606	3,362	12.80	21.40	20.40
Wisconsin.....	4,068	3,985	3,934	1.71	1.37	1.60	6,946	5,458	6,288	11.80	27.20	22.30
Minnesota.....	4,409	3,751	3,625	1.48	1.37	1.39	6,522	5,145	5,021	7.88	20.40	18.00
Iowa.....	3,545	2,896	2,997	1.59	1.35	1.62	5,629	3,913	4,855	9.88	22.40	17.80
Missouri.....	3,501	3,625	3,734	1.14	1.32	1.36	4,012	4,803	5,095	11.10	19.90	16.40
North Dakota.....	3,110	3,207	3,258	.96	.92	.86	2,991	2,962	2,818	5.72	14.80	14.50
South Dakota.....	3,137	4,159	4,459	.83	.83	.66	2,638	3,443	2,939	7.03	18.80	16.70
Nebraska.....	3,798	4,029	4,341	.98	1.05	1.10	3,759	4,230	4,786	8.25	20.50	14.50
Kansas.....	1,600	1,946	1,990	1.01	1.84	1.66	2,425	3,575	3,299	9.36	17.90	15.60
North Central.....	37,268	36,662	37,069	1.32	1.27	1.29	49,130	46,426	47,984	10.70	21.40	18.50
Delaware.....	74	72	67	1.30	1.33	1.34	96	96	90	18.70	25.00	22.40
Maryland.....	437	463	456	1.32	1.38	1.43	575	641	650	17.90	25.70	23.20
Virginia.....	1,328	1,414	1,352	1.12	1.29	1.33	1,490	1,823	1,800	18.20	30.00	26.30
West Virginia.....	781	803	815	1.20	1.31	1.26	937	1,052	1,024	16.30	25.60	23.20
North Carolina.....	1,215	1,237	1,205	.99	1.04	1.16	1,201	1,289	1,395	20.30	32.50	28.50
South Carolina.....	580	502	504	.76	.92	.96	441	461	484	20.50	35.30	31.60
Georgia.....	1,373	1,415	1,099	.54	.57	.64	736	805	698	16.20	21.00	18.50
Florida.....	118	127	88	.54	.54	.60	64	69	53	14.70	18.40	17.10
South Atlantic.....	5,906	6,033	5,586	.94	1.03	1.11	5,541	6,236	6,194	18.20	28.40	25.40
Kentucky.....	1,724	1,712	1,863	1.29	1.28	1.41	2,238	2,194	2,635	15.60	27.50	24.00
Tennessee.....	1,902	1,742	1,814	1.16	1.16	1.36	2,209	2,029	2,464	17.80	29.00	22.30
Alabama.....	1,034	884	777	.74	.79	.85	759	700	660	16.20	26.00	21.80
Mississippi.....	906	761	752	1.21	1.33	1.31	1,099	1,011	988	16.10	27.70	23.40
Arkansas.....	1,380	1,347	1,248	1.10	1.40	1.35	1,521	1,887	1,681	13.70	21.70	18.30
Louisiana.....	328	324	324	1.22	1.14	1.38	402	369	446	13.30	26.40	22.50
Oklahoma.....	1,272	1,455	1,316	1.21	1.38	1.43	1,536	2,010	1,880	9.88	19.80	16.20
Texas.....	1,481	1,505	1,223	.97	.87	1.12	1,423	1,311	1,366	12.20	25.80	19.70
South Central.....	10,027	9,730	9,317	1.12	1.18	1.30	11,187	11,511	12,120	14.50	25.20	20.90
Montana.....	2,082	2,404	2,288	1.21	1.23	1.08	2,521	2,964	2,479	10.40	21.60	26.00
Idaho.....	1,158	1,085	1,121	2.08	2.17	2.16	2,402	2,353	2,422	12.20	25.10	19.10
Wyoming.....	1,080	1,056	1,131	1.15	.96	1.13	1,241	1,018	1,283	11.20	27.70	20.90
Colorado.....	1,415	1,895	1,412	1.53	1.70	1.67	2,161	2,375	2,360	12.20	22.40	20.60
New Mexico.....	217	213	220	2.09	2.34	2.30	453	499	506	15.50	28.10	21.50
Arizona.....	271	229	257	2.23	2.36	2.45	607	541	629	13.60	26.20	19.50
Utah.....	572	547	562	1.99	2.07	2.17	1,141	1,134	1,219	14.10	27.20	20.50
Nevada.....	411	440	443	1.45	1.48	1.55	597	649	688	13.40	28.00	20.30
Washington.....	923	832	844	1.92	2.11	1.86	1,773	1,759	1,571	14.60	27.70	25.70
Oregon.....	1,106	1,118	1,077	1.74	1.79	1.59	1,925	2,000	1,710	13.80	27.00	25.40
California.....	1,944	1,949	2,051	2.83	2.93	2.81	5,518	5,718	5,771	14.40	27.20	22.20
Western.....	11,179	11,268	11,406	1.82	1.86	1.81	20,339	21,010	20,638	13.10	25.70	22.30
United States.....	73,966	73,208	72,835	1.34	1.36	1.36	99,539	99,471	99,305	12.40	23.60	21.30

<sup>1</sup> Preliminary.<sup>2</sup> Price of hay sold loose.<sup>3</sup> Price of hay sold baled.

Bureau of Agricultural Economics.

TABLE 380.—*Hay: Season average price per ton, United States and specified markets, 1940-49*

Year beginning July—	Prices received by farmers for loose hay, United States <sup>1</sup>				Price of No. 1 alfalfa, baled	
	All hay	Alfalfa <sup>2</sup>	Mixed clover and timothy <sup>2</sup>	Prairie <sup>2</sup>	Kansas City <sup>3</sup>	Los Angeles <sup>3</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940.....	7.59	8.36	8.75	4.81	13.40	14.65
1941.....	9.70	10.90	11.66	5.20	15.90	20.40
1942.....	10.80	12.90	11.77	5.99	20.45	28.00
1943.....	14.80	17.50	15.20	8.91	29.25	32.55
1944.....	16.50	18.20	18.70	8.93	27.20	31.15
1945.....	15.10	17.60	16.40	8.45	27.85	32.85
1946.....	16.70	20.20	17.00	10.50	32.15	36.65
1947.....	17.70	20.70	18.30	11.30	32.50	33.15
1948 <sup>4</sup> .....	23.60	26.40	23.60	17.00	27.65	36.95
1949 <sup>5</sup> .....	21.30	22.70	22.90	15.10	27.20	28.30

<sup>1</sup> Data for earlier years for all hay, alfalfa, clover and timothy, and prairie hay in January 1946 issue of Crops and Markets, p. 55.

<sup>2</sup> Season average prices obtained by weighting United States monthly prices by monthly marketings of all hay.

<sup>3</sup> Compiled from reports made to the Production and Marketing Administration by its representative in the market. Straight average of 12 months beginning in July at Kansas City and April at Los Angeles.

<sup>4</sup> Prices received by farmers for baled hay (instead of loose hay) in 1948 and 1949.

<sup>5</sup> Preliminary.

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TABLE 381.—*Pasture and range: Condition, 1st of month, United States, average 1928-47, annual 1929-49*

Year	Pasture						Range <sup>1</sup>					
	May	June	July	August	September	October	May	June	July	August	September	October
Average	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1928-47.....	77	80	79	72	68	70	81	84	84	81	79	79
1929.....	87	87	88	80	67	70	84	87	88	85	81	83
1930.....	77	80	75	56	48	56	86	90	87	80	78	79
1931.....	79	78	73	64	63	64	84	83	79	73	74	71
1932.....	74	78	79	71	68	67	80	87	90	86	83	84
1933.....	72	82	60	56	60	66	76	80	77	73	75	76
1934.....	66	53	49	40	43	54	79	70	66	54	53	55
1935.....	70	78	85	81	74	74	69	81	87	84	81	83
1936.....	69	74	58	42	40	54	78	83	76	73	70	74
1937.....	69	76	79	74	68	66	75	75	80	79	75	75
1938.....	82	85	86	83	76	76	84	87	87	87	82	82
1939.....	76	73	78	69	69	56	78	77	78	74	73	72
1940.....	74	81	83	71	72	71	83	87	85	80	80	82
1941.....	84	79	83	79	75	75	89	93	95	93	92	92
1942.....	84	88	91	87	88	88	87	89	89	87	88	87
1943.....	78	84	88	82	73	71	84	84	86	83	80	79
1944.....	79	89	85	72	70	77	77	85	87	85	82	83
1945.....	87	84	89	88	84	83	84	83	85	85	85	82
1946.....	84	85	85	78	74	78	82	81	82	78	77	82
1947.....	82	88	91	86	73	74	82	87	88	84	82	80
1948.....	84	82	82	84	78	72	79	82	85	84	81	77
1949.....	85	88	85	83	79	81	82	86	86	84	81	80

<sup>1</sup> Includes the Western geographic division and range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.

Bureau of Agricultural Economics. Data for 1909-28 in Yearbook of Agriculture, 1933, table 284.

TABLE 382.—*Pasture: Condition June 1 and Sept. 1, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

State and division	Condition June 1			Condition Sept. 1			State and division	Condition June 1			Condition Sept. 1		
	Average 1938-47	1948	1949	Average 1938-47	1948	1949		Average 1938-47	1948	1949	Average 1938-47	1948	1949
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Maine.....	86	88	92	76	62	51	South Carolina.....	75	78	85	76	78	89
New Hampshire.....	87	91	93	77	75	45	Georgia.....	78	66	84	77	82	89
Vermont.....	91	89	91	80	81	59	Florida.....	72	62	64	84	83	80
Massachusetts.....	85	91	92	75	79	38	South Atlantic.....	79	81	92	81	89	91
Rhode Island.....	84	96	100	73	79	35	Kentucky.....	86	86	91	80	74	91
Connecticut.....	86	92	94	78	77	50	Tennessee.....	82	71	94	78	70	97
New York.....	87	91	89	75	80	43	Alabama.....	80	70	84	79	82	90
New Jersey.....	83	91	93	72	87	47	Mississippi.....	80	80	85	77	82	92
Pennsylvania.....	86	90	91	75	85	67	Arkansas.....	86	88	87	69	90	87
North Atlantic.....	87	91	91	75	81	52	Louisiana.....	82	79	82	79	65	91
Ohio.....	86	91	91	77	79	80	Oklahoma.....	83	78	95	69	89	79
Indiana.....	87	90	89	75	79	88	Texas.....	81	69	91	68	56	80
Illinois.....	89	89	89	77	82	87	South Central.....	82	74	91	72	69	85
Michigan.....	86	90	87	72	64	79	Montana.....	83	89	71	82	90	54
Wisconsin.....	85	86	82	73	46	73	Idaho.....	89	90	91	82	93	79
Minnesota.....	81	80	80	77	76	67	Wyoming.....	88	73	88	81	69	77
Iowa.....	87	82	88	84	66	80	Colorado.....	86	82	92	77	80	86
Missouri.....	83	88	90	76	91	93	New Mexico.....	72	76	89	71	79	93
North Dakota.....	78	84	81	76	85	63	Arizona.....	78	71	85	79	83	86
South Dakota.....	78	81	83	69	86	57	Utah.....	86	81	92	75	76	84
Nebraska.....	78	71	97	68	81	89	Nevada.....	87	62	92	89	75	86
Kansas.....	83	80	96	75	94	85	Washington.....	88	90	89	70	100	71
North Central.....	84	84	89	75	78	81	Oregon.....	87	94	88	74	90	64
Delaware.....	82	93	93	76	91	62	California.....	82	83	69	78	77	70
Maryland.....	82	90	94	75	92	83	Western.....	83	83	81	78	82	74
Virginia.....	80	90	100	83	94	97	United States.....	84	82	88	75	78	79
West Virginia.....	80	86	92	81	92	91							
North Carolina.....	79	74	93	84	85	94							

<sup>1</sup> For range States, relates largely to farm pasture; i.e., range not included.

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TABLE 383.—*Field seeds: Production of clean seed, United States, 1929-49*

Year	White clover	Ladino clover <sup>1</sup>	Meadow fescue	Redtop	Sudan grass	Kentucky bluegrass <sup>2</sup>	Orchard grass
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929	1,600		1,700	7,500	27,100	18,900	3,500
1930	1,200		1,000	7,500	35,700	10,850	3,010
1931	1,000		900	18,000	83,500	49,000	5,124
1932	775		600	15,750	40,730	19,600	2,086
1933	920		550	7,500	56,730	18,200	3,668
1934	945		550	6,000	17,050	5,600	2,534
1935	340		900	9,750	59,320	37,800	3,640
1936	550	106	400	6,750	28,695	21,000	2,125
1937	300	102	325	18,300	55,815	77,000	4,494
1938	275	182	150	17,700	53,078	18,200	2,269
1939	669	480	600	17,700	75,760	21,000	4,298
1940	835	560	1,400	18,300	48,800	46,900	4,438
1941	1,360	510	750	18,500	84,625	47,740	5,556
1942	1,920	375	1,225	16,600	38,950	63,350	6,030
1943	2,360	390	1,180	10,700	28,300	21,280	6,104
1944	1,695	730	1,445	17,800	62,600	22,008	7,000
1945	2,170	990	1,500	22,300	26,400	29,722	5,096
1946	3,980	1,030	1,380	15,000	23,300	19,670	7,770
1947	3,670	920	3,240	15,300	21,540	63,518	6,594
1948	3,910	1,950	820	4,100	22,080	32,718	5,292
1949 <sup>3</sup>	2,040	3,390	450	8,600	31,800	57,610	8,134

<sup>1</sup> Data not available for years prior to 1936.<sup>2</sup> Rough, cured seed.<sup>3</sup> Preliminary.

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TABLE 384.—*Winter cover-crop seed: Production of clean seed, United States, 1936-49*

Year	Austrian winter peas	Vetch					Ryegrass		Crimson clover <sup>1</sup>	Lupine
		Hairy	Com- mon and Willam- ette	Hungar- ian	Purple	All vetch	Com- mon	Peren- nial		
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1936	14,800	9,050	4,350	4,435	605	18,440	12,900	200	1,038	
1937	20,350	7,950	4,400	3,625	300	16,275	7,055	425	1,676	
1938	21,280	7,600	3,575	3,020	365	14,560	18,300	932	2,678	
1939	29,770	10,750	7,750	1,950	4,500	24,950	30,500	1,350	5,560	
1940	53,750	26,100	17,140	3,650	5,700	52,590	27,500	1,720	6,040	
1941	37,100	27,390	17,120	2,400	4,310	51,220	24,000	2,300	9,380	
1942	133,300	32,020	25,000	9,400	9,460	75,880	30,000	3,300	17,080	
1943	150,500	24,480	25,800	4,500	8,450	63,230	23,000	3,200	13,880	5,100
1944	41,100	20,630	36,000	3,000	11,900	71,530	31,000	4,600	15,770	7,100
1945	38,000	14,210	51,200	2,000	10,840	78,250	39,500	4,500	14,350	13,600
1946	56,300	12,490	45,400	1,300	12,580	71,770	58,000	5,600	15,160	38,900
1947	57,350	19,890	34,800	1,200	4,480	60,370	56,000	6,200	12,360	50,100
1948	57,560	21,220	28,100	1,100	8,180	58,600	34,600	7,500	14,080	26,100
1949 <sup>2</sup>	76,600	25,700	12,320	350	6,820	45,190	45,300	7,200	18,060	53,800

<sup>1</sup> Data for 1922-35, in Agricultural Statistics, 1943, table 299.<sup>2</sup> Preliminary.

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TABLE 385.—*Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-49*

## ALFALFA SEED

Year	Acreage harvested	Yield per acre	Production (thresher run seed)	Price	Farm value	Year	Acreage harvested	Yield per acre	Production (thresher run seed)	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	519,700	1.91	994,200	12.04	11,970	1940	967,700	1.55	1,502,500	8.77	13,172
1930	547,700	2.21	1,210,800	10.78	13,049	1941	795,200	1.30	1,037,300	12.20	12,656
1931	436,900	1.98	863,300	7.31	6,314	1942	602,200	1.60	961,100	15.60	14,952
1932	366,500	1.78	653,000	5.53	3,614	1943	762,300	1.50	1,141,700	20.00	22,859
1933	617,700	1.92	1,187,200	6.04	7,173	1944	982,000	1.15	1,132,000	20.50	23,162
1934	630,500	1.85	1,168,900	9.94	11,616	1945	888,500	1.33	1,182,100	20.60	24,349
1935	549,600	1.99	1,096,200	7.92	8,682	1946	1,174,200	1.55	1,822,400	22.00	40,114
1936	642,200	1.58	1,013,600	11.87	12,034	1947	995,700	1.71	1,700,000	15.20	25,868
1937	610,900	1.87	1,144,000	13.90	15,899	1948	635,400	1.64	1,045,000	25.00	26,104
1938	746,600	1.55	1,160,600	10.66	12,375	1949	946,200	2.00	1,895,700	22.10	41,882
1939	1,013,200	1.50	1,515,500	10.50	15,981						

## TIMOTHY SEED

Year	Acreage harvested	Yield per acre	Production (thresher run seed)	Price	Farm value	Year	Acreage harvested	Yield per acre	Production (thresher run seed)	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	437,300	3.15	1,377,600	1.97	2,716	1940	398,900	3.11	1,239,000	1.49	1,848
1930	435,700	3.86	1,680,200	2.50	4,195	1941	375,300	3.38	1,266,900	2.06	2,605
1931	608,900	3.90	2,373,700	1.38	3,284	1942	437,400	3.82	1,672,500	2.01	3,363
1932	454,500	3.67	1,666,600	.94	1,570	1943	431,000	3.90	1,679,600	2.39	4,006
1933	325,500	2.88	936,900	1.93	1,812	1944	364,700	3.65	1,331,700	2.71	3,606
1934	140,600	1.90	266,800	6.54	1,745	1945	362,200	3.68	1,333,300	2.48	3,301
1935	1,000,800	4.27	4,276,200	1.08	4,625	1946	365,300	3.61	1,319,000	2.86	3,771
1936	381,600	2.48	946,800	2.56	2,423	1947	397,400	4.00	1,589,400	2.05	3,262
1937	591,400	4.38	2,589,000	1.19	3,086	1948	128,700	3.15	404,800	4.50	1,821
1938	441,900	3.09	1,367,600	1.22	1,675	1949	292,300	2.83	825,800	8.55	7,057
1939	490,200	2.96	1,449,000	1.66	2,409						

## RED CLOVER SEED

Year	Acreage harvested	Yield per acre	Production (thresher run seed)	Price	Farm value	Year	Acreage harvested	Yield per acre	Production (thresher run seed)	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	1,818,900	1.16	2,113,600	10.39	21,968	1940	2,042,700	1.00	2,036,900	6.07	12,367
1930	1,009,100	1.05	1,058,100	11.63	12,302	1941	1,363,700	1.07	1,478,600	9.10	13,461
1931	772,400	1.09	843,300	7.20	6,068	1942	1,147,900	.93	1,071,400	12.00	12,897
1932	1,012,000	1.25	1,260,200	4.99	6,285	1943	1,354,600	.91	1,226,600	18.00	22,113
1933	1,024,300	1.10	1,125,300	6.18	6,956	1944	2,419,800	.83	2,006,700	18.70	37,542
1934	763,900	.98	749,600	10.99	8,235	1945	2,186,500	.80	1,749,300	18.60	32,535
1935	641,200	1.22	784,800	8.78	6,891	1946	2,601,300	.82	2,141,800	22.00	47,166
1936	670,400	1.06	711,700	14.43	10,268	1947	1,393,600	.91	1,261,800	28.10	35,421
1937	308,400	1.63	502,700	17.63	8,864	1948	1,789,500	1.00	1,788,900	25.90	46,379
1938	1,664,000	1.13	1,878,100	8.23	15,462	1949	1,239,000	1.02	1,262,200	24.20	30,599
1939	1,350,300	1.25	1,690,900	8.72	14,748						

See footnote at end of table.

TABLE 385.—*Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-49—Continued*

## ALSIKE CLOVER SEED

Year	Acreage har- vested	Yield per acre	Produc- tion (thresher run seed)	Price	Farm value	Year	Acreage har- vested	Yield per acre	Produc- tion (thresher run seed)	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	280,100	1.93	539,900	9.27	5,006	1940.....	169,100	2.39	404,400	6.27	2,534
1930.....	150,300	2.20	330,100	10.65	3,514	1941.....	122,700	2.69	330,400	8.54	2,823
1931.....	134,300	2.48	333,400	5.78	1,928	1942.....	93,200	2.84	265,000	11.70	3,093
1932.....	133,100	2.37	315,500	4.63	1,461	1943.....	106,000	2.32	246,100	16.20	3,977
1933.....	146,200	2.26	330,300	6.88	2,272	1944.....	130,500	2.09	272,700	17.10	4,664
1934.....	128,700	1.83	236,000	11.88	2,804	1945.....	153,000	2.29	350,600	17.00	5,943
1935.....	134,400	2.04	274,500	9.64	2,645	1946.....	165,600	2.69	446,200	19.00	8,474
1936.....	228,200	1.76	400,800	12.11	4,852	1947.....	128,300	2.92	375,200	19.20	7,209
1937.....	100,000	2.24	223,800	15.97	3,573	1948.....	140,800	2.81	396,200	16.90	6,679
1938.....	217,100	1.81	393,500	6.85	2,696	1949 <sup>1</sup> .....	115,500	2.97	343,600	17.30	5,956
1939.....	137,400	2.31	316,900	9.15	2,900						

## SWEETCLOVER SEED

Year	Acreage har- vested	Yield per acre	Produc- tion (thresher run seed)	Price	Farm value	Year	Acreage har- vested	Yield per acre	Produc- tion (thresher run seed)	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	292,600	3.94	1,152,300	3.61	4,156	1940.....	348,200	2.88	1,001,200	2.37	2,372
1930.....	219,000	3.49	764,700	3.44	2,632	1941.....	349,100	2.28	795,700	3.46	2,753
1931.....	253,100	3.16	801,000	2.63	2,104	1942.....	225,200	2.86	644,300	3.97	2,558
1932.....	213,700	3.06	654,600	1.47	959	1943.....	178,000	2.54	452,800	5.73	2,595
1933.....	215,500	3.09	665,800	2.22	1,477	1944.....	284,500	2.52	715,700	6.18	4,423
1934.....	216,700	3.27	707,800	4.03	2,852	1945.....	239,100	2.54	606,200	6.04	3,660
1935.....	243,800	3.11	757,200	2.20	1,669	1946.....	235,700	2.66	628,000	6.40	4,021
1936.....	377,400	2.21	832,700	4.83	4,026	1947.....	216,700	2.65	574,300	6.45	3,702
1937.....	309,600	3.27	1,012,300	4.31	4,363	1948.....	193,700	2.96	573,600	8.29	4,758
1938.....	525,600	2.19	1,151,400	2.67	3,074	1949 <sup>1</sup> .....	234,600	2.55	598,100	8.92	5,338
1939.....	555,800	2.74	1,524,200	2.59	3,955						

## LESPEDeza SEED

Year	Acreage har- vested	Yield per acre	Produc- tion (thresher run seed)	Price	Farm value	Year	Acreage har- vested	Yield per acre	Produc- tion (thresher run seed)	Price	Farm value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>			<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>	
1929.....	52,000	105.6	5,491	12.37	679	1940.....	705,200	195.0	137,222	4.57	6,277
1930.....	59,100	100.1	5,915	17.45	1,032	1941.....	813,000	212.0	172,400	5.97	10,287
1931.....	105,600	140.1	14,795	11.96	1,770	1942.....	747,400	219.0	163,600	6.47	10,586
1932.....	154,800	144.3	22,336	4.99	1,115	1943.....	808,000	196.0	158,770	9.87	15,674
1933.....	266,100	169.8	45,190	5.03	2,272	1944.....	1,196,600	213.0	255,300	7.46	19,044
1934.....	371,400	180.3	66,950	6.15	4,119	1945.....	922,000	203.0	187,000	8.76	16,380
1935.....	384,900	169.7	65,332	5.13	3,354	1946.....	935,500	221.0	206,800	8.06	16,673
1936.....	300,700	138.0	41,486	11.77	4,882	1947.....	732,500	204.0	149,760	11.90	17,770
1937.....	572,500	185.9	106,450	4.88	5,196	1948.....	982,300	245.0	240,960	8.82	21,257
1938.....	763,700	234.8	179,310	3.56	6,390	1949 <sup>1</sup> .....	1,601,000	244.0	244,600	6.78	16,576
1939.....	627,400	175.0	110,099	4.96	5,464						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in *Agricultural Statistics*, 1942, pp. 341 and 342.

TABLE 386.—*Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, by States, average 1938-47, annual 1948 and 1949*

## ALFALFA SEED

State	Acreage harvested			Yield per acre			Production (thresher-run seed)			Price for crop of—		
	Average 1938- 47	1948	1949	Average 1938- 47	1948	1949	Average 1938- 47	1948	1949	Average 1938- 47	1948	1949
	Acres	Acres	Acres	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Dol.	Dol.	Dol.
Ohio.....	18,020	3,400	6,500	0.76	0.85	0.80	14,630	2,900	5,200	17.10	28.40	26.60
Indiana.....	10,860	2,000	3,000	.78	.80	.50	8,460	1,600	1,500	17.10	27.60	25.40
Michigan.....	74,100	44,000	57,000	.81	.95	.90	62,370	42,000	51,000	17.90	27.90	26.70
Wisconsin.....	26,820	22,000	28,000	.94	1.00	1.40	25,350	22,000	39,000	18.50	31.50	27.00
Minnesota.....	75,400	35,000	50,000	.96	1.00	1.00	75,700	35,000	50,000	16.80	27.90	24.20
Iowa.....	13,350	6,500	8,000	.87	.80	1.00	12,170	5,200	8,000	17.80	28.90	26.50
North Dakota.....	27,400	21,000	45,000	.89	.65	1.00	23,680	14,000	45,000	16.70	26.20	23.30
South Dakota.....	26,550	38,000	72,000	1.14	.85	1.40	29,000	32,000	101,000	17.10	26.60	24.20
Nebraska.....	95,400	76,000	100,000	1.22	1.10	1.20	115,100	84,000	120,000	16.30	25.50	24.80
Kansas.....	154,700	100,000	140,000	1.31	1.30	1.40	205,100	130,000	196,000	15.00	24.70	25.40
Oklahoma.....	93,300	58,000	102,000	1.78	1.60	2.00	166,200	93,000	204,000	13.20	22.90	23.60
Texas.....	11,500	10,000	18,000	2.86	3.50	3.00	34,440	35,000	54,000	13.90	19.10	18.30
Montana.....	70,700	62,000	74,000	1.68	1.40	2.00	113,400	87,000	148,000	17.40	29.60	25.20
Idaho.....	33,400	20,000	28,000	1.66	2.20	2.50	53,400	44,000	70,000	18.60	30.60	25.40
Wyoming.....	20,190	14,000	15,000	1.58	1.90	1.50	33,320	27,000	27,000	16.90	28.90	25.40
Colorado.....	20,970	10,000	23,000	1.72	2.50	2.10	36,630	25,000	48,000	15.70	26.20	23.10
New Mexico.....	9,070	3,000	5,000	2.53	2.60	4.00	23,860	7,800	20,000	13.80	19.10	19.50
Arizona.....	39,500	40,000	52,000	3.00	3.00	4.00	118,300	120,000	208,000	14.00	17.60	15.00
Utah.....	39,500	45,000	53,000	1.72	2.90	3.50	69,600	130,000	186,000	17.30	29.10	24.60
Washington.....	3,000	4,000	6,000	2.39	4.50	6.00	6,750	18,000	36,000	17.70	29.00	25.30
Oregon.....	6,770	3,500	5,700	1.95	3.00	4.30	13,760	10,500	25,000	17.80	29.10	24.10
California.....	22,260	18,000	55,000	3.31	4.40	4.60	74,300	79,000	253,000	14.90	17.60	14.70
United States..	892,760	635,400	946,200	1.47	1.64	2.00	1,315,520	1,045,000	1,895,700	15.60	25.00	22.10

## TIMOTHY SEED

Pennsylvania.....	5,680	5,100	5,300	2.76	2.80	2.60	15,690	14,300	13,800	3.16	5.30	9.90
Ohio.....	51,300	24,000	64,000	3.22	2.70	2.70	168,500	65,000	173,000	2.16	4.30	8.00
Indiana.....	13,000	5,000	12,000	2.90	2.80	2.75	38,310	14,000	33,000	2.33	4.30	7.90
Illinois.....	36,300	10,000	25,000	2.71	2.80	2.30	96,300	28,000	58,000	2.18	4.90	8.50
Wisconsin.....	14,500	4,600	5,000	3.35	2.50	2.60	49,900	11,500	13,000	2.20	5.60	9.60
Minnesota.....	30,650	9,000	12,000	3.74	3.50	2.90	116,500	32,000	35,000	2.00	4.35	9.00
Iowa.....	189,700	50,000	110,000	3.92	3.70	3.20	740,400	185,000	352,000	2.05	4.45	8.80
Missouri.....	65,300	21,000	59,000	3.05	2.60	2.50	199,200	55,000	148,000	2.09	4.40	8.30
United States..	406,430	128,700	292,300	3.52	3.15	2.83	1,424,800	404,800	825,800	2.09	4.50	8.55

## RED CLOVER SEED

New York.....	9,440	14,000	10,000	1.15	1.50	1.30	11,100	21,000	13,000	17.70	28.20	29.30
Pennsylvania.....	28,800	30,000	29,000	.88	1.00	.80	25,050	30,000	23,000	18.20	31.40	31.40
Ohio.....	229,400	250,000	115,000	.78	.75	.70	178,200	188,000	80,000	15.00	26.20	24.60
Indiana.....	258,900	232,000	93,000	.78	.65	.65	201,500	151,000	60,000	14.60	25.10	23.70
Illinois.....	309,200	250,000	145,000	.79	.80	.70	244,100	200,000	102,000	15.10	27.50	25.10
Michigan.....	148,000	210,000	151,000	.96	1.15	1.15	141,000	242,000	174,000	14.30	23.90	22.60
Wisconsin.....	176,400	158,000	79,000	.85	.75	.90	144,700	118,000	71,000	15.00	26.80	24.60
Minnesota.....	69,700	118,000	83,000	1.12	1.15	1.15	75,100	136,000	95,000	15.10	24.80	22.90
Iowa.....	243,400	141,000	180,000	.76	.75	.65	178,800	106,000	117,000	15.10	28.60	25.00
Missouri.....	131,900	170,000	153,000	1.08	1.00	1.00	142,700	170,000	153,000	14.20	25.90	23.20
Nebraska.....	15,870	47,000	16,000	1.09	1.20	1.00	16,460	56,000	16,000	14.90	26.20	23.60
Kansas.....	28,200	53,000	74,000	.98	.80	.75	26,990	42,000	56,000	14.40	26.30	23.10
Maryland.....	21,780	10,500	15,000	.82	.75	.70	18,460	7,900	10,500	18.50	35.90	31.60
Virginia.....	13,600	15,000	12,000	1.05	1.00	.75	14,930	15,000	9,000	18.60	31.30	28.60
Kentucky.....	19,000	30,000	15,000	1.34	1.10	1.10	25,580	33,000	16,500	16.20	27.90	26.20
Idaho.....	32,450	31,000	37,000	4.83	5.60	4.70	153,600	174,000	174,000	15.50	25.40	24.90
Washington.....	2,930	6,000	4,000	3.24	3.80	2.80	9,340	19,000	11,200	15.20	24.50	22.70
Oregon.....	15,470	25,000	28,000	3.02	3.20	2.90	46,000	80,000	81,000	15.40	23.90	23.90
United States..	1,754,440	1,789,500	1,239,000	.96	1.00	1.02	1,654,210	1,788,900	1,262,200	15.00	25.90	24.20

See footnotes at end of table.

TABLE 386.—*Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, by States, average 1938-47, annual 1948 and 1949*—Continued

## ALSIKE CLOVER SEED

State	Acreage harvested			Yield per acre			Production (thresher-run seed)			Price for crop of—		
	Average 1938- 47	1948	1949 <sup>1</sup>	Average 1938- 47	1948	1949 <sup>1</sup>	Average 1938- 47	1948	1949 <sup>1</sup>	Average 1938- 47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
New York.....	950	400		1.45	1.20		1,430	500		14.40	20.20	
Ohio.....	27,990	25,000	19,000	1.41	1.80	1.05	38,370	45,000	20,000	12.70	16.70	16.60
Indiana.....	6,530	3,000	2,000	1.09	1.00	.80	7,450	3,000	1,600	13.10	18.60	17.60
Illinois.....	14,600	8,500	9,000	1.47	1.50	1.30	21,100	12,800	11,700	13.40	20.50	18.50
Michigan.....	12,500	12,000	9,000	1.77	1.50	1.70	21,630	18,000	15,300	12.50	16.60	15.60
Wisconsin.....	16,700	20,000	18,000	2.39	2.60	2.50	39,600	52,000	45,000	13.10	18.80	17.70
Minnesota.....	30,500	29,000	18,000	2.20	1.50	1.65	67,400	44,000	30,000	12.60	16.20	15.90
Iowa.....	5,320	2,600	4,000	1.28	1.20	1.50	7,030	3,100	6,000	13.90	20.70	18.20
Idaho.....	7,580	19,000	17,000	6.06	5.70	4.50	38,100	108,000	76,000	13.30	16.30	17.50
Oregon.....	16,600	18,000	16,000	5.16	5.00	6.75	84,900	90,000	108,000	13.60	16.20	17.60
California.....	<sup>2</sup> 1,933	3,300	3,500	<sup>2</sup> 6.41	6.00	8.50	<sup>2</sup> 12,867	19,800	30,000	<sup>2</sup> 14.50	16.50	17.60
United States..	142,290	140,800	115,500	2.44	2.81	2.97	340,100	396,200	343,600	13.10	16.90	17.30

## SWEETCLOVER SEED

Ohio.....	14,770	4,600	12,600	2.14	2.00	1.75	31,680	9,200	22,000	4.52	8.30	9.10
Indiana.....	6,600	1,600	10,500	2.18	1.50	1.50	13,910	2,400	15,800	5.14	8.60	9.40
Illinois.....	31,100	9,000	22,000	1.90	1.40	1.90	59,900	12,600	42,000	5.24	9.90	10.30
Michigan.....	7,300	4,000	10,000	2.83	3.00	2.90	20,910	12,000	29,000	4.68	8.30	8.50
Wisconsin.....	5,010	6,500	6,500	2.89	2.70	3.00	14,430	17,600	19,500	4.86	9.00	8.90
Minnesota.....	97,800	45,000	34,000	3.14	4.00	4.00	286,000	180,000	136,000	4.40	8.10	8.70
Iowa.....	22,330	4,500	7,000	2.02	2.20	2.00	44,000	9,900	14,000	5.11	9.30	9.40
Missouri.....	11,660	8,000	14,000	2.47	2.50	2.40	28,750	20,000	34,000	5.19	9.50	9.80
North Dakota.....	18,820	11,000	9,000	2.60	3.10	2.80	45,790	34,000	25,000	4.58	7.90	8.70
South Dakota.....	16,780	7,000	9,000	2.38	2.35	2.20	38,780	16,400	19,800	4.32	7.80	8.60
Nebraska.....	25,650	28,000	22,000	2.16	2.50	2.20	55,500	70,000	48,000	4.73	8.20	8.90
Kansas.....	41,100	43,000	64,000	2.67	2.20	2.00	108,800	95,000	128,000	4.38	8.80	8.90
Montana.....	5,590	6,500	4,000	3.28	3.00	2.50	17,630	19,500	10,000	4.60	7.50	7.80
Colorado.....	8,810	15,000	10,000	3.98	5.00	5.50	35,420	75,000	55,000	4.74	7.50	8.30
United States..	315,790	193,700	234,600	2.59	2.96	2.55	809,380	573,600	598,100	4.59	8.29	8.92

## LESPEDeza SEED

Indiana.....	23,280	19,000	24,000	200	265	275	4,684	5,000	6,600	5.94	7.40	4.40
Illinois.....	18,470	17,000	16,500	180	260	250	3,461	4,400	4,100	6.05	7.50	4.70
Missouri.....	247,300	362,000	308,000	198	275	240	50,075	99,600	73,900	5.63	6.10	3.90
Kansas.....	55,500	72,000	72,000	171	230	200	10,322	16,600	14,400	5.29	5.70	3.80
Virginia.....	25,400	27,000	28,000	228	255	280	5,822	6,900	7,800	8.61	10.70	7.40
North Carolina.....	150,200	150,000	165,000	210	230	260	31,785	34,500	42,900	8.58	11.50	8.10
South Carolina.....	33,700	42,000	46,000	180	210	240	6,250	8,800	11,000	9.47	12.50	10.60
Georgia.....	33,500	73,000	85,000	188	220	225	6,598	16,100	19,100	9.45	13.00	11.60
Kentucky.....	73,400	56,000	88,000	240	250	275	18,295	14,000	24,200	6.30	9.30	5.60
Tennessee.....	104,600	60,000	69,000	228	210	240	24,262	12,600	16,600	7.28	10.70	7.40
Alabama.....	9,400	9,800	13,000	195	220	220	1,832	2,200	2,900	10.90	18.80	19.60
Mississippi.....	15,400	24,000	20,000	146	200	200	2,354	4,800	4,000	14.20	18.00	16.90
Arkansas.....	20,980	43,000	45,000	182	205	260	4,035	8,800	11,700	8.12	11.70	8.70
Louisiana.....	7,500	3,500	2,500	126	130	120	971	460	300	18.80	30.20	25.70
Oklahoma.....	<sup>2</sup> 16,250	24,000	19,000	<sup>2</sup> 194	260	270	<sup>2</sup> 3,200	6,200	5,100	<sup>2</sup> 8.10	8.70	6.60
United States..	825,080	982,300	1,001,000	207	245	244	172,026	240,960	244,600	7.16	8.82	6.78

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 387.—*Agricultural seeds: Imports admitted under the Federal Seed Act, United States, 1946-49*

Kind of seed	Year beginning July—				Kind of seed	Year beginning July—			
	1946	1947	1948	1949		1946	1947	1948	1949
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alfalfa.....	9,259	7,553	20,268	7,788	Mixtures:—Contd				
Barley.....	4,136	12,047	1,691	543	Alfalfa and sweetclover.....	78	54	220	108
Bean:					Clover.....	234	525	973	560
Field.....	6	324	2	-----	Grass.....	39	-----	15	110
Mung.....	1	1	-----	-----	Alsike and timothy.....	-----	1	53	30
Beet, field.....	52	221	40	30	Alsike, timothy and red clover.....	-----	-----	7	-----
Bentgrass.....	314	96	84	62	Red clover and timothy.....	-----	-----	-----	34
Bluegrass:					Smooth brome and oats.....	-----	-----	-----	5
Canada.....	123	94	204	25	Smooth brome and rye.....	-----	-----	-----	2
Kentucky.....	5	19	42	-----	Smooth brome and wheat.....	-----	6	-----	-----
Rough.....	519	224	98	1,342	Sweetclover and smooth brome.....	-----	-----	11	1
Brome, smooth.....	6,402	4,554	6,721	5,856	White clover and timothy.....	-----	-----	2	-----
Clover:					Mustard, white.....	-----	44	-----	34
Alsike.....	-----	1,157	4,183	1,511	Oat.....	17,768	11,376	13,361	20,036
Berseem.....	-----	27	-----	-----	Oatgrass, tall.....	-----	-----	2	-----
Crimson.....	283	606	789	-----	Pea, field.....	114	3	300	31
Ladino.....	3	441	370	109	Proso.....	-----	5	-----	-----
Red.....	73	2,572	4,326	4,826	Rape:	-----	38	-----	33
Subterranean.....	185	121	83	118	Annual.....	-----	-----	30	1,722
Suckling.....	14	68	95	64	Turnip.....	8	11	24	-----
White.....	473	159	184	2,322	Winter.....	-----	19	62	-----
Corn, field.....	4,995	4,328	3,070	2,203	Rye.....	1	-----	61	27
Fescue:					Ryegrass:	-----	1	11	39
Chewings.....	576	-----	49	1,616	Perennial.....	15	3	23	1,542
Meadow.....	199	150	242	2,155	Other.....	-----	1	39	838
Other.....	88	88	888	746	Sainfoin.....	-----	208	628	964
Flax.....	2,946	909	6,797	97	Sesbania.....	34	-----	17	7
Glass:					Sourclover.....	25	-----	382	161
Bahia.....	262	139	260	603	Soybean.....	22	114	55	10
Bermuda.....	-----	1	-----	-----	Sweetclover.....	10,370	12,999	27,332	20,508
Carpet.....	-----	5	34	22	Timothy.....	2	1	43	1,489
Dallis.....	575	1,185	1,701	998	Trefoil:	-----	-----	-----	-----
Guinea.....	4	30	27	12	Big.....	7	-----	313	32
Molasses.....	12	7	6	-----	Birdsfoot.....	185	234	-----	616
Orchard.....	32	37	1	830	Vetch:	-----	-----	143	7,745
Rescue.....	43	10	57	51	Common.....	199	181	23	48
Rhodes.....	52	156	37	97	Hairy.....	1,300	304	6,732	4,167
Sudan.....	1,037	47	4	-----	Wheatgrass:	-----	70	111	44
Vasey.....	-----	1	-----	-----	Crested.....	135	2	-----	4
Kudzu.....	-----	13	2	1	Slender.....	178	-----	-----	-----
Lespedeza, Chinese.....	-----	2	-----	-----	Total.....	63,799	63,822	103,407	95,518
Lupine.....	-----	-----	-----	1					
Medick, black.....	414	173	45	361					
Millet, foxtail.....	-----	46	-----	120					
Mixtures:									
Alfalfa and alsike.....	-----	-----	-----	1					
Alfalfa and red clover.....	1	1	45	18					
Alfalfa, alsike, red clover and sweetclover.....	-----	-----	-----	43					
Alfalfa, alsike, red clover and timothy.....	-----	-----	-----	18					
Alfalfa, red clover and sweetclover.....	-----	-----	-----	21					

<sup>1</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

<sup>2</sup> Exclusive of sugar beet.

Production and Marketing Administration. Data for 1932-41 in Agricultural Statistics, 1942, table 454; for 1942 and 1943 in the 1946 book, table 363; and for 1944 and 1945 in the 1947 book, table 370.

TABLE 388.—*Field seeds: Stocks held by dealers and United States Government on June 30, average 1941-45, annual 1945-49*

Kind of seed	Average 1941-45	1945	1946	1947	1948	1949 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....	7,004	4,090	4,670	15,642	12,972	4,129
Clovers:						
Red (medium and mammoth).....	9,942	2,675	1,473	3,997	4,479	7,635
Alsike.....	2,664	459	596	1,775	2,580	4,163
Sweet.....	6,316	5,541	4,274	3,124	2,617	2,998
White Dutch.....	538	318	339	854	546	477
Ladino.....	114	209	337	190	418	727
Crimson.....	2,791	260	646	143	278	587
Lespedezas:						
Korean.....	8,174	21,224	16,144	5,679	1,144	16,680
Kobe.....	361	513	2,081	85	1,289	35
Other.....	204	329	298	110	140	51
Hairy vetch.....	6,494	8,518	5,671	1,987	2,782	2,373
Other vetch.....	10,236	15,201	3,247	2,025	782	3,918
Austrian winter peas.....	57,843	97,730	34,241	2,395	536	343
Blue lupine.....	<sup>2</sup> 562	284	1	688	16,489	37
Rapeseed (for sowing).....	1,508	1,114	824	1,714	912	922
Sorgo ("cane").....	7,217	6,239	2,467	2,201	4,661	4,800
Grasses:						
✓ Timothy.....	23,213	25,137	17,823	16,158	22,656	1,189
Redtop.....	11,316	7,362	11,332	5,733	3,296	660
Kentucky bluegrass.....	10,919	4,232	2,126	1,278	7,064	2,189
Orchard grass.....	376	392	550	1,928	4,078	145
✓ Chewings fescue.....	<sup>2</sup> 532	522	747	1,152	1,081	1,356
✓ Meadow fescue.....	236	266	207	407	2,553	626
Bentgrass.....	412	347	408	630	653	936
Bromegrass.....	2,485	2,537	3,885	2,093	1,753	391
Crested wheatgrass.....	1,674	3,667	737	148	229	183
✓ Slender wheatgrass.....	<sup>2</sup> 427	682	356	246	123	35
Western wheatgrass.....	<sup>2</sup> 90	164	18	37	151	( <sup>3</sup> )
Ryegrass, common.....	9,498	11,439	8,228	24,411	26,350	5,607
Sudan grass.....	18,110	40,679	24,259	16,499	12,741	4,559
Bermuda grass.....	<sup>2</sup> 135	330	202	109	65	225
Carpet grass.....	84	162	93	8	11	103
Dallis grass.....	<sup>2</sup> 141	116	208	67	390	496
Millets (for sowing):						
Foxtail (German, Siberian, etc.).....	<sup>2</sup> 3,363	2,717	1,272	1,697	2,032	1,912
Proso (broomcorn, etc.).....	<sup>2</sup> 1,873	2,729	2,642	1,346	2,269	1,913

<sup>1</sup> Preliminary. <sup>2</sup> Short-time average. <sup>3</sup> Not included in survey of year shown.

Bureau of Agricultural Economics. Compiled from reports of 1,025 seedsmen and important country shippers.

TABLE 389.—*Field seeds: Stocks held by the Government on June 30, 1942-49<sup>1</sup>*

Kind of seed	1942	1943	1944	1945	1946	1947	1948	1949
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....								
Sweetclover.....					44			
White clover.....	3	15		13	2			
Ladino clover.....				5	76			
Crimson clover.....	200	5,021	611	19				
Kobe lespedeza.....					1,527			
Other lespedeza.....					1			
Hairy vetch.....		10,054	1,702	2,566				
Other vetch.....		13,414	12,272	12,114	204			
Austrian winter peas.....	500	59,431	125,729	97,329				
Blue lupine.....			802	281		681	12,358	
Rapeseed.....		1,590	22	22				
Timothy.....			304	15				
Redtop.....					179			
Orchard grass.....					241			
Chewings fescue.....					75			
Meadow fescue.....					23			
Bromegrass.....					1			
Crested wheatgrass.....				54	63			
Slender wheatgrass.....				2,437	11			
Western wheatgrass.....				465	54			
Ryegrass, common.....		2,527	256	5,701	2	20,943	20,850	
Sudan grass.....				33,384	14,202	8,112	7,412	
Bermuda grass.....				3	71			

<sup>1</sup> All these quantities are included in data in table 388.

Bureau of Agricultural Economics.

TABLE 390.—*Field seeds: Season average price per 100 pounds received by farmers, United States, 1929-49*

Year	Orchard grass	Sudan grass	Redtop	White clover	Hairy vetch	Common ryegrass	Austrian winter peas
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1929.....	11.07	3.68	14.25	18.48			
1930.....	10.57	5.10	18.25	23.66			
1931.....	5.07	.86	6.50	18.32			
1932.....	4.43	.89	3.40	18.22			
1933.....	7.14	2.74	5.75	12.50			
1934.....	9.50	6.46	11.10	16.20			
1935.....	6.86	1.67	5.75	13.50			
1936.....	12.29	2.63	16.00	15.30	6.90	3.90	2.80
1937.....	8.43	1.75	8.25	18.20	6.98	5.50	3.70
1938.....	10.64	1.91	7.80	26.50	6.13	3.60	2.30
1939.....	10.50	1.75	8.15	30.20	7.49	4.20	2.83
1940.....	12.29	2.18	7.35	43.00	7.30	3.10	2.95
1941.....	19.21	1.30	7.00	51.50	7.29	4.30	3.21
1942.....	20.36	2.98	6.40	45.70	9.87	5.00	4.90
1943.....	24.40	7.41	12.70	48.90	11.70	7.90	4.90
1944.....	24.50	4.91	15.30	59.10	11.10	7.00	4.82
1945.....	20.80	5.28	11.00	75.90	11.20	7.50	3.61
1946.....	11.10	7.51	16.80	62.60	14.10	7.50	3.46
1947.....	9.79	6.34	13.20	42.20	16.50	5.95	4.83
1948.....	15.45	5.69	41.50	65.20	18.20	7.80	6.05
1949.....	18.14	5.34	42.30	81.20	16.30	9.75	4.35

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1943, table 301.

TABLE 391.—*Field seeds: Average wholesale price, January to May, for best grade at important markets, 1941-49*

Kind of seed	Market	Price per 100 pounds								
		1941	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa.....	Kansas City..	19.00	33.00	40.50	43.60	44.00	44.00	43.00	32.00	59.00
Red clover.....	Chicago.....	14.00	22.50	30.50	41.00	41.00	41.00	55.00	64.00	52.00
Alsike clover.....	do.....	14.50	22.50	31.50	37.00	37.00	39.00	50.00	49.00	37.80
Sweetclover.....	Minneapolis..	6.60	13.00	12.70	16.75	16.75	16.75	17.50	19.80	22.00
White clover.....	Chicago.....	72.00	73.00	60.00	63.50	80.00	100.00	77.00	56.00	90.00
Crimson clover.....	Baltimore.....	10.85	11.50	12.50	14.90	18.00	20.00	23.30	27.30	28.00
Lespedeza.....	Louisville.....	5.40	7.10	7.75	12.15	8.75	9.50	7.60	14.00	9.70
Timothy.....	Chicago.....	5.25	9.00	6.75	8.00	8.00	8.00	9.50	8.00	23.40
Redtop.....	do.....	10.25	11.50	10.25	17.75	19.50	15.50	21.50	23.00	60.00
Kentucky bluegrass.....	Kansas City..	18.50	18.50	17.00	27.00	32.50	52.00	98.00	33.00	59.00
Orchard grass.....	Louisville.....	26.00	32.50	33.40	37.00	35.50	34.40	24.00	16.00	31.00
Meadow fescue.....	Kansas City..	16.00		25.00	25.00	27.00	28.40	30.80	15.00	18.00
Chewings fescue.....	Baltimore.....	32.90	35.00	48.10	64.00	77.00	60.00	72.00	43.70	49.00
Bentgrass.....	do.....			59.90	72.00	78.00	99.00	125.00	92.00	90.00
Bermuda grass.....	do.....	19.70	38.00	65.00	72.00	63.00	45.00	46.00	60.00	89.00
Bromus inermis.....	Minneapolis..	19.00	19.00	13.20	18.50	17.50	18.40	26.00	20.00	40.00
Perennial ryegrass.....	Baltimore.....	12.40	14.50	17.30	22.00	19.80	21.50	22.00	16.70	17.00
Common ryegrass.....	do.....	5.00	7.75	9.25	12.00	10.40	11.00	10.80	9.40	11.75
German millet.....	Kansas City..	3.25	3.25	3.60	7.50	6.00	7.50	7.75	8.50	7.00
Siberian millet.....	Minneapolis..	4.25	4.00	3.40	5.50	4.25	5.00	7.75	7.90	6.75
Hungarian millet.....	Chicago.....	3.50	4.50	5.00	6.95	6.50	7.00	7.40	8.00	6.50
Japanese millet.....	do.....	5.00	4.00	4.50	5.50	6.00	6.80	7.15	7.30	6.75
Broomcorn millet.....	Minneapolis..	1.65	2.15	2.50	3.55	2.75	4.50	5.50	7.00	3.75
Amber sorgo.....	Kansas City..	2.65	2.25	3.75	6.75	5.00	7.60	9.00	9.50	5.75
Orange sorgo.....	do.....	2.70	2.40	3.75	6.75	5.00	7.50	8.50	9.50	5.50
Sudan grass.....	do.....	3.85	3.00	6.00	12.50	7.50	8.50	10.00	9.80	9.30
Rape.....	Baltimore.....	16.50	16.00	10.30	16.00	19.50	18.00	13.70	17.90	14.00
Hairy vetch.....	do.....	10.00	10.75	13.30	15.75	15.25	15.60	20.00	23.00	25.00
Common vetch.....	do.....	6.00	7.50	8.10	9.00	9.00	9.00	9.50	10.50	14.50
Canada field peas.....	Minneapolis..	5.20	5.50	6.10	6.50	6.50	7.25	8.00	8.70	8.50
Kafir.....	Kansas City..	2.30	2.75	4.25	5.50	4.25	6.00	5.60	6.80	6.00
Price per bushel										
Cowpeas.....	Baltimore.....	2.25	2.85	3.10	5.30	5.50	5.25	5.40	7.00	4.20
Soybeans.....	Louisville.....	1.50	2.70	2.30	2.70	2.85	2.95	3.80	5.25	3.25
Seed corn (hybrid).....	St. Louis.....	4.50	5.70	5.30	6.50	6.50	6.50	6.60	8.50	6.75
Seed corn (open poll.).....	Chicago.....	1.35	1.60	2.10	3.00	3.25	3.60	3.50	4.75	4.50
Seed wheat.....	Minneapolis..	1.30	1.70	1.90	2.25	2.25	2.35	3.00	4.10	3.20
Seed oats.....	do.....	.75	.90	1.35	1.75	1.30	1.65	1.65	2.60	1.65
Seed barley.....	do.....	.90	1.25	1.45	1.95	2.25	1.95	2.50	3.50	2.35
Seed rye.....	do.....	1.25	1.40	1.55	2.15	2.35	3.30		3.50	2.55
Seed buckwheat.....	do.....	1.00	1.20	2.15	2.30	1.55	3.00	2.50	2.90	1.75

<sup>1</sup> Preliminary. Bureau of Agricultural Economics. Data for 1922-37 in Agricultural Statistics, 1939, table 425, and for 1938-40 in the 1948 book, table 383.



TABLE 392.—*Field seeds: Average retail price paid by farmers for high-grade seed, February to May, United States, 1940-49*

Kind of seed	Price per 100 pounds									
	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Red clover.....	20.88	15.84	24.46	32.22	43.40	43.50	44.10	57.30	66.00	57.60
Alsike clover.....	24.42	17.38	24.92	33.12	41.10	42.10	42.60	54.80	54.20	43.90
White clover.....	71.12	82.52	88.33	83.14	83.80	97.80	126.00	110.00	82.10	107.00
Ladino clover.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	124.33	209.75	240.00	225.00	215.00	265.00	242.00
Sweetclover.....	7.98	7.36	13.42	13.88	18.60	18.80	18.60	19.20	20.80	23.90
Lespedeza, Korean.....	7.00	6.58	8.63	9.60	14.90	10.10	10.80	9.60	15.40	11.10
Alfalfa, common.....	25.68	21.84	36.12	45.06	47.65	47.70	48.10	51.80	41.20	61.80
Alfalfa, Grimm.....	30.86	26.29	40.36	50.30	51.80	51.90	52.80	59.60	52.20	68.80
Timothy.....	7.15	6.48	10.21	8.63	9.90	10.00	9.81	10.90	9.67	24.30
Redtop.....	14.55	13.72	14.62	14.07	20.45	23.10	20.80	26.10	27.40	68.80
Kentucky bluegrass.....	25.06	25.14	26.26	25.15	33.75	39.10	59.10	119.00	49.20	76.20
Ryegrass, common.....	8.40	7.40	9.69	10.74	14.10	13.90	14.20	14.50	14.20	16.90
Orohard grass.....	20.75	28.24	35.42	35.88	40.60	41.10	39.00	28.30	23.20	36.00
German millet.....	3.62	3.89	4.42	4.46	7.55	7.09	8.18	8.97	10.40	8.60
Bromegrass.....	( <sup>1</sup> )	( <sup>1</sup> )	21.80	16.00	20.10	19.90	18.70	29.80	23.10	42.10
Crested wheatgrass.....	( <sup>1</sup> )	( <sup>1</sup> )	18.50	14.80	18.60	17.40	16.60	28.50	37.10	55.00
Amber sorgo.....	3.15	2.74	2.94	4.18	7.30	6.26	8.06	9.71	10.70	7.08
Orange sorgo.....	3.45	2.80	3.18	5.00	7.75	6.84	8.57	10.00	11.60	6.58
Sudan grass.....	4.26	4.36	4.09	6.88	13.90	8.96	9.95	11.60	12.20	11.40
Rape.....	9.95	20.04	22.26	15.22	18.90	22.80	23.20	20.00	24.00	20.50
Canada field peas.....	6.41	6.12	6.76	7.74	8.10	8.33	8.82	9.49	9.89	10.20
	Price per bushel									
Corn, hybrid.....	6.10	6.20	6.90	7.67	8.49	8.63	8.80	9.35	11.10	10.50
Corn, open-pollinated.....	2.00	2.02	2.50	3.28	3.82	3.95	4.32	4.70	5.57	4.79
Wheat (spring).....	1.20	1.09	1.46	2.02	1.76	1.87	2.15	2.81	3.27	2.80
Oats (spring).....	.59	.54	.75	.93	1.30	1.22	1.24	1.47	2.37	1.51
Barley (spring).....	.74	.70	.96	1.08	1.54	1.56	1.71	2.05	2.85	2.04

<sup>1</sup> Data not available prior to year shown.

Bureau of Agricultural Economics.

TABLE 393.—*Mustard seed: Production of clean seed, by States, and United States imports, average 1938-47, annual 1941-49*

State	Average 1938-47	1941	1942	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
California.....	3,233	4,550	4,500	2,500	4,800	860	1,700	1,300	700	2,100
Montana.....	24,862	55,180	34,000	30,300	23,800	23,800	30,700	18,900	18,300	8,700
Other States <sup>2</sup> .....	3,169	13,325	5,985	1,790	1,180	1,290	2,960	790	480	500
Total.....	31,264	73,055	44,485	34,590	29,780	25,950	35,360	20,990	19,480	11,300
Imports for consumption										
Whole seed.....	4,818	3,961	505	701	281	1,642	7,216	9,178	9,990	8,098
Ground or prepared seed.....	382	586	15	2	( <sup>4</sup> )	( <sup>4</sup> )	1	24	228	668

<sup>1</sup> Preliminary.<sup>2</sup> Washington, Oregon, and North Dakota.<sup>3</sup> Short-time average.<sup>4</sup> Less than 500 pounds.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce.

TABLE 394.—*Vegetable seeds: Acreage and production, United States, average 1941-45, annual 1947-49*

Kind of seed	Acreage harvested				Production			
	Average 1941-45	1947	1948	1949 <sup>1</sup>	Average 1941-45	1947	1948	1949 <sup>1</sup>
Bean:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Dwarf green.....	48,796	25,795	26,449	33,111	39,514	19,989	28,144	37,733
Dwarf wax.....	9,333	5,838	5,731	4,139	5,197	4,149	6,067	4,742
Pole (green and wax).....	7,090	6,534	6,618	6,888	7,207	5,925	6,971	8,737
Dwarf lima.....	13,276	15,681	15,612	10,539	12,824	15,000	22,018	13,241
Pole lima.....	1,368	1,100	959	1,116	1,689	1,134	1,298	1,477
Beet, garden.....	4,401	2,768	1,293	1,550	2,558	1,830	882	1,881
Mangelwurzel.....	771	302	498	158	707	432	592	196
Broccoli.....	61	121	86	106	53	111	100	128
Brussels sprout.....	17	2	9	5	5	( <sup>2</sup> )	4	3
Cabbage.....	2,068	1,565	1,133	729	887	1,025	496	622
Cabbage, Chinese.....	62	30	16	22	32	18	8	19
Carrot.....	7,280	2,760	2,862	3,056	2,631	1,173	1,353	1,382
Cauliflower.....	167	244	189	115	62	99	90	62
Celery.....	102	161	39	39	44	87	32	24
Chard, Swiss.....	344	141	89	89	302	83	81	112
Chicory.....	106	53	60	11	15	17	14	7
Corn:								
Sweet, hybrids.....	7,294	6,621	6,204	5,373	9,186	12,619	11,262	10,072
Sweet, varieties.....	6,018	3,098	3,033	2,423	6,827	4,001	4,682	4,404
Nonsweet.....	854	489	738	594	1,183	4,452	1,348	1,136
Cucumber.....	5,007	6,094	4,544	1,891	986	1,619	1,604	552
Dill.....	81	28	48	20	36	10	35	8
Eggplant.....	192	250	327	289	22	23	27	23
Endive.....	226	237	164	58	37	192	117	67
Kale.....	198	59	58	60	77	11	22	35
Kohlrabi.....	30	7	25	16	25	3	32	22
Leek.....	108	13	7	12	41	6	3	5
Lettuce:								
Heading.....	3,567	3,799	2,897	3,552	663	830	539	842
Loose-leaf.....	1,099	514	445	627	376	214	166	300
Romaine.....	2,267	271	246	97	94	90	109	48
Muskmelon.....	2,855	3,201	1,430	1,383	519	855	362	420
Watermelon.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Mustard.....	1,370	600	272	527	496	236	175	315
Okra.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Onion.....	6,051	2,657	1,365	1,710	1,572	1,081	505	879
Parsley.....	335	196	113	227	234	156	69	205
Parsnip.....	262	81	38	74	192	53	31	47
Pea:								
Smooth.....	72,925	33,622	28,865	34,225	83,656	40,132	26,908	23,698
Wrinkled.....	115,609	142,195	55,899	59,950	103,588	132,043	60,656	56,224
Pepper.....	2,117	4,067	2,734	3,049	100	167	105	131
Pumpkin.....	555	247	288	135	123	75	110	44
Radish.....	7,446	2,036	2,359	3,465	2,479	974	928	2,626
Salsify.....	23	52	8	-----	13	54	6	-----
Spinach.....	5,583	1,187	549	458	3,228	849	347	319
Squash:								
Summer.....	2,079	903	1,094	1,054	522	312	431	493
Winter.....	2,126	1,338	938	404	274	260	129	125
Tomato.....	12,301	11,170	7,656	8,008	441	468	354	311
Turnip.....	4,161	1,399	2,348	1,746	2,355	942	1,205	1,162
Rutabaga.....	852	83	300	185	610	72	243	187
Total.....	356,774	289,669	186,635	193,295	293,743	249,871	180,660	175,066

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1,000 pounds.<sup>3</sup> Data incomplete.

Bureau of Agricultural Economics. Compiled from reports of commercial vegetable seed growers, who usually produce about 95 percent of the total commercial production of vegetable seeds.

TABLE 395.—*Vegetable seeds: Stocks held by dealers and Government on June 30, average 1941-45, annual 1945-49*

Kind of seed	Average 1941-45	1945	1946	1947	1948	1949
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Bean:						
Dwarf green.....	11,754	18,345	15,121	10,990	6,000	6,284
Dwarf wax.....	1,996	1,485	1,720	2,741	1,991	3,652
Pole (green and wax).....	2,935	4,539	2,944	2,250	1,783	2,561
Dwarf lima.....	4,639	4,819	1,792	1,340	2,560	7,142
Pole lima.....	802	1,376	1,171	406	591	687
Beet, garden.....	1,041	2,301	1,781	1,674	1,836	1,332
Mangelwurzel.....	129	238	251	126	81	163
Broccoli.....	58	86	100	77	105	161
Brussels sprout.....	4	7	11	11	6	7
Cabbage.....	630	1,230	1,152	956	1,080	957
Cabbage, Chinese.....	24	51	66	57	46	36
Carrot.....	1,054	2,870	2,103	1,090	943	710
Cauliflower.....	41	102	69	46	46	48
Celery.....	45	62	72	95	131	116
Chard, Swiss.....	249	632	518	363	303	211
Chicory.....	18	30	23	16	24	31
Collard.....	140	187	200	161	92	49
Corn:						
Sweet, hybrids.....	1,624	4,388	3,431	3,904	5,522	5,300
Sweet, varieties.....	2,398	4,308	3,745	3,025	2,046	2,198
Nonsweet.....	455	248	322	361	213	413
Cress.....	2	3	2	4	4	4
Cucumber.....	574	541	382	877	1,100	1,515
Dill.....	23	42	42	30	26	30
Eggplant.....	17	31	14	13	14	20
Endive.....	92	100	124	117	184	195
Kale.....	64	166	158	140	107	67
Kohlrabi.....	15	51	37	23	11	31
Leek.....	21	78	57	36	24	7
Lettuce:						
Heading.....	406	584	450	589	593	493
Loose-leaf.....	257	569	484	370	204	202
Romaine.....	53	95	64	43	40	135
Muskmelon.....	296	252	266	590	811	783
Watermelon.....	401	297	(1)	(1)	(1)	(1)
Mustard.....	292	570	615	581	535	304
Okra.....	120	105	80	145	189	190
Onion.....	221	454	576	584	787	308
Parsley.....	127	149	178	199	150	122
Parsnip.....	98	195	185	165	73	26
Pea:						
Smooth.....	22,821	15,186	6,464	9,834	12,903	7,796
Wrinkled.....	30,935	44,272	14,301	26,337	71,822	63,892
Pepper.....	63	33	39	111	141	109
Pumpkin.....	158	165	153	189	170	198
Radish.....	1,769	2,660	2,660	2,022	1,581	1,324
Salsify.....	17	9	9	11	38	41
Spinach.....	1,869	3,096	1,195	1,560	2,093	1,542
Squash:						
Summer.....	341	539	534	595	487	469
Winter.....	177	336	350	335	398	336
Tomato.....	231	255	255	438	468	416
Turnip.....	1,592	2,331	2,808	1,343	1,040	650
Rutabaga.....	406	1,259	796	345	87	250
Total.....	93,491	121,727	2 69,870	2 77,375	2 121,539	2 113,513

<sup>1</sup> Data incomplete.<sup>2</sup> Does not include watermelon seed.

Bureau of Agricultural Economics. Compiled from reports of 265 vegetable seed dealers, who handle annually about 95 percent of the total production of vegetable seeds.

TABLE 396.—*Vegetable seeds: Imports admitted under the Federal Seed Act, United States, 1946-49*

Kind of seed	Year beginning July—				Kind of seed	Year beginning July—			
	1946	1947	1948	1949		1946	1947	1948	1949
	100 pounds	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds	100 pounds
Artichoke.....	1		2	2	Lettuce.....	29	11	27	2
Asparagus.....	72	43	18	28	Muskmelon.....		1	13	8
Bean:					Mustard <sup>1</sup> .....	305	319	431	1,511
Garden.....	111	1,183	1,281	322	Mustard:				
Lima.....		77	4,644	25,850	Spinach.....	1		2	6
Horse or broad..	24	578	532	140	Vegetable.....		3	5	8
Runner.....				20	Onion.....	1,048	888	670	881
Beet.....	151	103	195	87	Pak-choi.....		11	1	1
Broccoli.....	8	13	9	10	Parsley <sup>1</sup> .....	35	17	5	18
Brussels sprouts..	6	7	12	33	Parsnip (culti- vated).....	1	5	52	249
Cabbage.....	467	160	546	766	Pea, garden.....	3,455	857	704	866
Carrot.....	428	537	13	11	Pepper <sup>1</sup> .....	3	12	4	4
Cauliflower.....	76	38	47	70	Pe-tsai.....	31	39	21	27
Celeriac.....		1		1	Pumpkin <sup>1</sup> .....		2	14	1
Celery <sup>1</sup> .....	2				Radish.....	393	1,123	1,890	2,051
Chicory.....	102	51	70	73	Rhubarb.....		109	515	195
Collards.....			1		Rutabaga.....	92			6
Corn, sweet.....	17	4	32	107	Salsify.....	3			1
Cowpea <sup>1</sup> .....				1	Sorrel.....	10		1	2
Cress:					Soybean <sup>1</sup> .....		1		
Garden.....	23	14	9	257	Spinach.....	21,655	17,072	11,512	13,524
Water.....		1	2	2	Spinach, New				
Cucumber.....	11	15	239	57	Zealand.....	41	65	43	75
Dandelion.....			1	4	Squash.....	4	9	51	2
Eggplant.....	4	2	5	3	Swiss chard.....	1	22	2	21
Endive.....	10	4	2	21	Tomato.....	90	41	73	15
Fetiscus (cornsalad)	23	11	6	5	Tomato, husk.....			3	2
Kale.....	53	31	247	265	Turnip.....	56	432	1,175	6,112
Kohlrabi.....	12	31	45	41	Watermelon.....		4	23	
Leek.....	4	6	5	32					
					Total.....	28,858	23,953	25,222	53,797

<sup>1</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Production and Marketing Administration. Data for 1939-43 in Agricultural Statistics, 1946, table 372, and for 1944-45 in the 1947 book, table 381.

TABLE 397.—Usual rate of seeding specified crops, by States (quantity of seed used per acre)  
[United States average is rate of seeding weighted by acreage planted, by States]

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Buckwheat	Flaxseed	Sorghum grain	Rice	Beans, dry, edible	Peas, dry, field	Soybeans	Cowpeas	Potatoes (Irish)	Sweet potatoes	Peanuts
	Pounds	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Pounds	Pounds	Pounds	Pounds	Bushels	Bushels	Bushels	Bushels	Pounds
Maine	13.5				3.3	2.0		1.7				75				30		
New Hampshire	15.5				2.3											23		
Vermont	16.5				2.5	2.0										23		
Massachusetts	15.5				2.5											22		
Rhode Island	15.0				2.4											22		
Connecticut	14.0				2.3											22		
New York	14.0	2.1		2.0	2.3	2.0	1.8	1.0				62		1.4		22		
New Jersey	9.0	2.0			2.3	2.1	1.8							1.9		21	4.6	
Pennsylvania	9.0	2.0			2.4	2.0	1.6	1.2						1.8		23		
Ohio	8.0	2.0			2.3	1.9	1.3	1.1						1.7		20		
Indiana	7.0	1.7			2.2	1.8	1.3	.9		10.0				1.4	1.4	19	6	
Illinois	7.5	1.4		1.8	2.5	1.9	1.4	1.0	1.0					1.3	1.3	12	5	
Michigan	8.5	1.9			2.1	1.8	1.5	.8	.8			45		1.5		18		
Wisconsin	9.0	1.7		1.8	2.5	1.9	1.6	1.0	.85					1.3		17		
Minnesota	8.0	1.7	1.7	1.6	2.7	2.0	1.7	.9	.8			50	150	1.1		17		
Iowa	8.0	1.7		1.9	2.8	2.0	1.6		1.0	11.0				1.3		13	3.5	
Missouri	7.0	1.4			2.2	1.8	1.4		.8	10.5				1.0	.9	15	3.5	
North Dakota	8.0		1.4	1.1	1.9	1.5	1.3	.9	.55	11.0			150	1.1		17		
South Dakota	7.0	1.0	1.3	1.1	2.2	1.6	1.3	1.0	.6	8.5				1.1		13		
Nebraska	7.0	1.1		1.1	2.2	1.6	1.2			8.0		58		1.1		17		
Kansas	6.5	1.0			2.1	1.3	1.1		.8	7.0				.8	.7	13	5	
Delaware	8.0	1.8			2.0	2.0	1.5							1.7		13	6	
Maryland	8.0	1.9			2.0	2.0	1.6	1.3						1.7	1.4	15	6	
Virginia	8.0	1.6			2.2	2.0	1.4	1.1						1.3	1.2	13	6	85
West Virginia	8.5	1.8			2.2	2.0	1.5	1.4						1.7		16		
North Carolina	7.5	1.5			2.9	2.1	1.2			11.0				1.3	.9	12	6	85
South Carolina	6.0	1.4			2.6	2.1	1.2							.8	.9	12	5.5	
Georgia	6.0	1.3			2.7	1.9	1.2							.8	.9	10	5	62
Florida	5.5				2.3									.9	.9	17	5	50
Kentucky	7.0	1.4			1.8	1.7	1.4							1.5	1.2	12	4	
Tennessee	7.5	1.3			2.1	1.8	1.3	1.0						.9	.9	11	5.5	65
Alabama	7.0	1.3			2.5	2.0				9.0				.9	.9	12	4.8	50
Mississippi	7.5	1.4			2.8	2.5								1.1	.9	10	5	50
Arkansas	7.5	1.4			2.5	1.9				9.5	118			.9	.7	10	5	45
Louisiana	8.5				2.7					9.0	102			.8	.7	9	5	40
Oklahoma	7.0	1.0			2.1	1.5	1.1	.8		7.0				.5	.5	11	4.5	40
Texas	7.0	.7			1.9	1.2	1.0	.75		7.5	96			.5	.5	16	5	47
Montana	8.0	.9		1.0	1.7	1.3	1.0		.45			60	190			17		
Idaho	10.0	1.4		1.6	2.4	1.8	1.2									21		
Wyoming	7.5	.9		1.0	2.0	1.5	.9		.5			80	150			17		
Colorado	7.0	.9		1.3	1.9	1.3	.9			12.0		19	100			25		
New Mexico	7.5	.7		1.0	1.8	1.6	.9			10.0		16				14		60
Arizona	10.0	1.4			2.4	1.8			1.0	8.5		30				21		
Utah	12.0	1.4		1.8	2.4	2.0	1.4					20				18		
Nevada	11.0	1.5		1.6	2.7	2.0										20		
Washington	12.0	1.3		1.3	2.7	1.9	1.2	.7				90	160			20		
Oregon	9.5	1.4		1.4	2.7	2.0	1.1	.7					130			22		
California	9.5	1.3			2.3	1.7	1.3	.75		7.0	140	58	100			28	7	
United States	7.5	1.18	1.39	1.16	2.41	1.65	1.28	1.1	.68	7.8		49	146	1.26	.81	19.3	5.2	58.0

<sup>1</sup> Rate on equivalent solid acres (acres grown alone, plus approximately one-half the interplanted acres). Bureau of Agricultural Economics.

TABLE 398.—*Beans, dry, edible: Acreage, yield, production, value, and foreign trade, United States, 1929-49*<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production		Season average price per 100 pounds received by farmers <sup>2</sup>	Farm value <sup>3</sup>	Whole-sale price per 100 pounds of pea beans, New York, year beginning September <sup>4</sup>	Farm and commercial storage stocks, Sept. 1	Foreign trade, year beginning September <sup>5</sup>	
				Uncleaned	Equivalent cleaned					Domestic exports	Imports <sup>6</sup>
	1,000 acres	1,000 acres	Pounds	1,000 bags <sup>7</sup>	1,000 bags <sup>7</sup>	Dollars	1,000 dollars	Dollars	1,000 bags <sup>7</sup>	1,000 bags <sup>7</sup>	1,000 bags <sup>7</sup>
1929 <sup>8</sup>	1,924	1,845	666.1	12,289	11,561	6.82	78,790	7.87	250	170	1,459
1929	2,266	2,160	663.9	14,341	13,540	4.03	54,605	5.51	930	174	787
1930	2,145	1,947	661.7	12,884	11,970	2.07	24,799	2.99	2,065	87	115
1931	1,625	1,431	766.0	10,961	10,410	1.97	20,533	2.58	1,662	79	102
1932	1,895	1,729	738.0	12,760	12,065	2.77	33,479	3.31	1,250	69	159
1933	1,985	1,461	780.2	11,399	10,656	3.52	37,526	3.73	2,000	55	889
1934	2,087	1,865	768.6	14,335	13,333	2.95	39,293	3.29	1,150	87	152
1935	1,950	1,626	727.0	11,821	10,767	5.37	57,835	7.32	1,120	26	587
1936	1,911	1,695	933.9	15,830	14,940	3.10	46,240	3.59	925	88	106
1937	1,759	1,643	955.8	15,704	14,717	2.56	37,657	2.87	2,450	298	65
1938	1,587	1,587	894.8	14,200	14,254	3.25	46,265	3.92	3,150	793	68
1939	1,876	1,679	896.0	15,045	15,790	3.18	50,185	4.25	3,450	1,545	120
1940	2,079	1,903	890.0	16,945	17,100	4.55	77,727	5.55	3,500	1,562	74
1941	2,250	2,019	919.0	18,556	17,568	5.16	90,670	6.25	4,573	2,878	99
1942	2,102	1,925	986.0	18,987	19,435	6.05	117,493	6.66	5,581	2,657	45
1943	2,599	2,362	889.0	21,002	15,060	6.28	94,521	6.98	4,311	2,328	232
1944	2,155	1,996	809.0	16,147	11,954	6.55	78,348	7.17	855	887	185
1945	1,656	1,485	881.0	13,083	14,737	10.60	156,550	13.50	329	1,623	70
1946	1,697	1,616	981.0	15,859	15,783	11.60	183,400	14.51	700	2,690	333
1947	1,839	1,759	979.0	17,218	19,420	10 7/8	152,645	9.53	730	1,880	293
1948	1,970	1,916	1,087.0	20,827	20,059	10 6/8	133,966	8.03	5,570		
1949 <sup>11</sup>	1,900	1,852	1,164.0	21,554							

<sup>1</sup> Table includes, besides the ordinary edible beans and beans grown for seed, blackeyes, and garbanzos in California. Soybeans and mung beans are not included.

<sup>2</sup> Price of cleaned beans.

<sup>3</sup> Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than total production.

<sup>4</sup> Compiled from New York Producers' Price Current, and beginning September 1947 from the New York Journal of Commerce.

<sup>5</sup> Compiled from reports of Department of Commerce.

<sup>6</sup> General imports 1929-32; imports for consumption beginning 1933.

<sup>7</sup> Bags of 100 pounds.

<sup>8</sup> Acreage grown alone.

<sup>9</sup> Including Government holdings.

<sup>10</sup> Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per 100 pounds.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns; census figures include all States; other figures, principal producing States only.

Data for 1909-28 in Agricultural Statistics, 1942, table 458.

TABLE 399.—Beans, dry, edible: Acreage, yield, production, and season average price per bag of 100 pounds received by farmers, by States, average 1938–47, annual 1948 and 1949<sup>1</sup>

State	Acreage planted			Acreage harvested			Yield per harvested acre			Production						Price <sup>2</sup> for crop of—		
	Average 1938–47	1948	1949 <sup>2</sup>	Average 1938–47	1948	1949 <sup>2</sup>	Average 1938–47	1948	1949 <sup>2</sup>	Uncleaned			Equivalent cleaned			Average 1938–47	1948	1949 <sup>2</sup>
										Average 1938–47	1948	1949 <sup>2</sup>	Average 1938–47	1948	1949 <sup>2</sup>			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	Dollars	Dollars	Dollars
Maine.....	8	8	6	7	8	6	1,018	900	950	76	72	57	68	68	51	9.22	13.90	10.40
New York.....	138	172	162	128	170	156	971	1,280	1,050	1,248	2,176	1,638	1,174	2,078	1,540	6.35	7.80	6.90
Michigan.....	579	514	529	535	504	519	832	880	1,150	4,418	4,435	5,968	4,134	4,268	5,753	5.76	7.20	5.90
Minnesota.....	4	1	1	4	1	1	539	650	650	22	6	6	19	5	6	6.21	7.00	6.10
Total Northeast....	733	695	698	678	683	682	857	979	1,124	5,785	6,689	7,069	5,413	6,409	7,350	5.93	7.47	6.14
Nebraska.....	48	85	87	43	83	82	1,474	1,800	1,600	630	1,494	1,312	594	1,419	1,200	5.30	7.00	5.80
Montana.....	27	26	25	25	25	24	1,256	1,250	1,200	296	312	288	259	287	253	5.18	7.40	5.80
Idaho.....	132	151	151	127	149	149	1,571	1,780	1,750	1,997	2,652	2,608	1,807	2,413	2,347	5.22	6.90	5.90
Wyoming.....	82	98	93	78	95	91	1,298	1,370	1,330	1,008	1,302	1,210	912	1,197	1,089	5.17	7.00	5.80
Washington.....	3	5	6	3	5	6	1,082	1,500	1,800	36	75	108	33	69	100	6.18	8.30	7.00
Total Northwest....	296	365	362	278	357	352	1,439	1,634	1,570	3,985	5,835	5,526	3,619	5,385	4,989	5.20	6.99	5.87
Colorado.....	363	341	307	312	324	295	601	720	860	1,873	2,333	2,537	1,742	2,146	2,384	5.63	7.10	6.50
New Mexico.....	230	174	145	196	157	135	308	274	410	642	430	554	604	408	524	5.58	7.20	6.40
Arizona.....	14	14	12	14	14	12	491	475	500	60	66	60	60	61	54	6.34	7.80	7.10
Utah.....	6	13	13	6	13	13	628	410	500	40	53	65	36	51	62	6.03	7.40	6.30
Total Southwest....	617	542	477	530	508	455	497	567	707	2,625	2,882	3,216	2,446	2,666	3,024	5.66	7.14	6.49
California:																		
Standard Lima.....	92	70	92	92	70	92	1,274	1,776	1,635	1,177	1,243	1,504	-----	1,144	1,376	-----	-----	-----
Baby Lima.....	66	75	88	66	75	88	1,458	1,441	1,580	964	1,081	1,390	-----	984	1,272	-----	-----	-----
Other.....	198	223	183	194	223	183	1,188	1,389	1,229	2,319	3,097	2,249	-----	2,832	2,048	-----	-----	-----
Total California....	356	368	363	353	368	363	1,263	1,473	1,417	4,460	5,421	5,143	4,162	4,960	4,696	7.10	9.70	8.50
United States.....	2,001	1,970	1,900	1,839	1,916	1,852	919	1,087	1,164	16,855	20,827	21,554	15,640	19,420	20,059	5.98	7.86	6.68

<sup>1</sup> Table includes, besides the ordinary edible beans and beans grown for seed, blackeyes and garbanzos in California. Soybeans and mung beans are not included.

<sup>2</sup> Preliminary.

<sup>3</sup> Price of cleaned beans; 1948 and 1949 prices include an allowance for

quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per 100 pounds.

<sup>4</sup> Bags of 100 pounds.

Bureau of Agricultural Economics.

TABLE 400.—*Beans, dry edible: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949*<sup>1</sup>

Continent and country	Acreage				Yield per acre				Production			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	1,000 bags	1,000 bags	1,000 bags	1,000 bags
North America:												
Canada.....	68	95	92	93	1,132	981	1,071	1,140	770	932	985	1,060
Costa Rica.....	44	62	34	35	495	373	574	571	218	231	195	200
El Salvador.....	52	63	97	100	823	802	809	800	428	505	785	800
Guatemala.....	89	145	200	200	658	746	530	500	586	1,082	1,060	1,000
Honduras.....	70	76	62	62	397	329	727	726	278	250	451	450
Mexico.....	1,419	1,726	1,947	2,076	182	199	237	223	2,579	3,440	4,621	4,630
Nicaragua.....	40	42	55	55	250	240	400	409	100	101	220	225
Panama.....	12	15	26	25	417	360	488	500	50	54	127	125
United States.....	1,700	2,041	1,915	1,848	856	898	1,014	1,084	14,547	18,327	19,418	20,035
Cuba.....	125	125	150	147	760	706	667	680	950	883	1,000	1,000
Dominican Republic.....	80	80	82	75	568	571	450	308	454	457	369	231
Haiti.....	80	80	65	65	562	562	569	577	450	450	370	375
Total.....	3,779	4,550	4,725	4,781	567	587	626	630	21,410	26,712	29,601	30,131
Europe:												
Austria.....	24	20	14	12	1,017	1,000	1,107	1,250	244	200	155	150
Belgium.....	8	7	2	2	2,146	1,796	1,445	1,497	168	125	33	26
Bulgaria.....	306	530	500	550	667	679	600	545	2,042	3,600	3,000	3,000
Czechoslovakia.....	54	42	25	25	1,000	1,019	916	904	540	428	229	226
France.....	424	393	371	343	724	532	638	282	3,069	2,091	2,366	968
Germany:												
Western Zone.....	5	5	14	13	1,402	1,427	1,100	1,154	73	71	154	150
Eastern Zone.....	5	9	7	8	1,108	1,121	774	750	51	100	57	60
Greece.....	63	60	78	100	586	583	715	667	369	350	558	667
Hungary.....	147	198	220	220	810	878	750	727	1,190	1,739	1,650	1,600
Italy.....	1,231	1,247	1,240	1,236	290	239	284	225	3,571	2,979	3,524	2,784
Netherlands.....	18	31	9	13	1,706	1,484	1,408	1,869	307	460	132	243
Portugal.....	415	696	952	902	206	130	110	63	856	907	1,044	572
Rumania.....	856	665	830	840	570	706	598	595	4,878	4,694	4,960	5,000
Spain.....	600	610	544	568	567	384	279	260	3,400	2,341	1,519	1,477
Sweden.....	2	1	3	3	1,652	1,302	1,622	1,167	36	18	44	37
Yugoslavia.....	360	350	425	425	779	977	769	753	2,804	3,420	3,270	3,200
Total (excl. U.S.S.R.).....	4,518	4,864	5,234	5,260	522	484	434	383	23,598	23,523	22,695	20,160

See footnotes at end of table.



<b>Asia:</b>												
Iran.....	385	410	500	500	312	317	280	280	1,200	1,300	1,400	1,400
Lebanon.....	(3) 41	(3) 45	7	7	(3) 1,040	(3) 1,151	1,487	1,487	(3) 48	(3) 59	110	110
Syria.....	185	227	245	235	751	843	1,004	1,000	1,390	1,914	2,043	50
Turkey.....	396	300	300	300	682	333	333	333	2,700	1,000	1,000	1,801
Burma.....	6,250	5,000	4,000	4,000	450	480	550	550	28,100	24,000	22,000	1,000
China.....	450	344	179	180	746	749	796	778	3,355	2,578	1,424	1,400
Japan.....	100	90	86	85	806	778	402	412	806	700	346	350
South Korea.....												
<b>Total.....</b>	<b>7,767</b>	<b>6,376</b>	<b>5,320</b>	<b>5,312</b>	<b>484</b>	<b>495</b>	<b>533</b>	<b>529</b>	<b>37,559</b>	<b>31,551</b>	<b>28,350</b>	<b>28,111</b>
<b>South America:</b>												
Argentina.....	57	80	94	86	719	758	586	462	410	606	551	397
Bolivia.....	68	60	62	60	1,241	1,333	1,371	1,417	720	800	850	850
Brazil.....	2,405	2,875	4,183	4,200	746	717	635	643	17,932	20,622	26,571	27,000
Chile.....	214	213	195	190	815	752	822	842	1,744	1,602	1,602	1,600
Colombia.....	179	186	210	210	407	473	476	476	729	879	1,000	1,000
Ecuador.....	9	10	10	10	778	853	1,000	1,000	70	75	100	100
Paraguay.....	23	10	8	8	304	700	938	938	70	70	75	75
Peru.....	58	60	62	60	690	750	758	792	400	450	470	475
Uruguay.....	23	19	11	10	383	295	382	400	88	56	42	40
Venezuela.....	30	90	105	100	867	556	781	820	260	500	820	820
<b>Total.....</b>	<b>3,056</b>	<b>3,602</b>	<b>4,940</b>	<b>4,934</b>	<b>734</b>	<b>712</b>	<b>649</b>	<b>656</b>	<b>22,423</b>	<b>25,660</b>	<b>32,081</b>	<b>32,357</b>
<b>Africa:</b>												
Algeria.....	1	1	3	3	526	443	467	333	6	6	14	10
Anglo-Egyptian Sudan.....	4	10	8	10	1,075	865	1,125	1,000	52	83	90	100
French Morocco.....	2	9	15	21	265	295	693	648	6	25	104	136
Madagascar.....	143	128	114	109	660	533	540	361	944	682	616	394
Angola.....	127	132	150	155	448	489	582	939	569	646	1,323	1,455
Union of South Africa.....	100	120	147	150	400	375	454	467	400	450	668	700
<b>Total.....</b>	<b>377</b>	<b>400</b>	<b>437</b>	<b>448</b>	<b>524</b>	<b>473</b>	<b>644</b>	<b>624</b>	<b>1,977</b>	<b>1,892</b>	<b>2,815</b>	<b>2,795</b>
<b>Total, specified countries.....</b>	<b>19,497</b>	<b>19,792</b>	<b>20,656</b>	<b>20,735</b>	<b>549</b>	<b>552</b>	<b>559</b>	<b>548</b>	<b>106,967</b>	<b>109,338</b>	<b>115,542</b>	<b>113,554</b>

<sup>1</sup> Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere. Averages are for years stated or for the nearest comparable period. Bags of 100 pounds.

<sup>2</sup> Preliminary.

<sup>3</sup> Included with Syria.

<sup>4</sup> Includes Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States Foreign Service officers, results of office research, and other information.

TABLE 401.—*Garbanzos: Acreage, yield and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949* <sup>1</sup>

Continent and country	Acreage				Yield per acre				Production			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	1,000 bags	1,000 bags	1,000 bags	1,000 bags
The Americas:												
Mexico <sup>3</sup> .....	207	284	368	371	531	599	714	624	1,099	1,702	2,626	2,315
United States.....	3	7	1	4	567	571	400	600	17	40	2	24
Argentina.....	28	16	16	16	771	819	756	138	216	131	121	22
Chile.....	26	23	25	16	412	387	580	156	107	89	145	25
Total.....	264	330	410	407	545	595	706	586	1,439	1,962	2,894	2,386
Europe:												
Bulgaria.....	4	29	25	20	675	914	880	1,000	29	265	220	200
Greece.....	51	50	50	46	500	600	618	600	255	300	309	276
Italy.....	241	240	274	269	348	289	417	520	838	694	1,142	1,400
Portugal.....	83	90	117	114	325	317	262	223	270	285	306	254
Rumania.....	2	2	2	2	519	519	500	500	9	12	10	10
Spain.....	631	1,010	872	902	482	318	258	306	3,040	3,216	2,246	2,756
Total.....	1,012	1,421	1,340	1,353	439	336	316	362	4,441	4,772	4,233	4,896
Asia:												
Middle East:												
Lebanon.....	3	4	4	4	735	794	753	773	25	33	29	29
Syria.....	40	49	79	100	770	514	447	441	308	252	353	441
Turkey.....	174	210	225	188	705	811	856	691	1,227	1,703	1,925	1,299
Total.....	217	263	308	292	719	756	749	606	1,560	1,988	2,307	1,769
Far East: <sup>4</sup>												
India <sup>4</sup> .....	13,314	12,696	19,336	19,711	529	529	605	467	70,400	67,200	117,000	92,000
Pakistan.....	1,633	1,942	2,688	2,919	444	421	484	603	7,258	8,176	13,000	17,600
Total.....	14,947	14,638	22,024	22,630	520	515	590	484	77,658	75,376	130,000	109,600
Africa:												
Algeria.....	36	57	44	43	450	212	414	467	162	121	182	201
Egypt.....	6	13	18	19	3,889	1,266	1,322	1,542	225	162	238	293
French Morocco.....	107	180	105	103	355	435	530	428	380	783	556	441
Spanish Morocco.....	5	11	10	10	526	514	640	500	29	55	64	50
Tunisia.....	22	20	39	40	382	165	528	500	84	33	206	200
Total.....	176	281	216	215	500	411	577	551	880	1,154	1,246	1,185
World total.....	16,616	16,933	24,298	24,897	517	503	579	481	85,978	85,252	140,680	119,836

See footnotes on p. 331.

TABLE 402.—*Beans, dry, edible: Production, by classes, in 100-pound bags, United States, 1945-49*<sup>1</sup>

Class	Uncleaned					Equivalent cleaned		
	1945	1946	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
Pea and medium white.....	3,032	3,999	3,372	4,675	5,646	3,074	4,481	5,423
Great Northern.....	2,724	3,742	3,910	4,410	3,500	3,576	4,091	3,165
Small white.....	424	391	553	798	679	514	734	625
White marrow.....	56	48	50	148	74	47	140	69
White kidney.....	6	10	10	12	10	10	11	9
Pinto.....	2,187	2,309	3,491	3,343	4,199	3,241	3,087	3,908
Red kidney <sup>3</sup> .....	594	1,290	1,164	1,841	1,538	1,103	1,759	1,450
Pink.....	299	378	515	625	705	453	556	634
Small red.....	249	338	535	533	604	473	488	546
Cranberry.....	107	80	78	142	458	72	135	446
Yelloweye.....	76	85	86	117	159	80	111	149
Standard lima.....	979	841	919	1,243	1,504	855	1,144	1,376
Baby lima.....	1,083	1,159	1,184	1,081	1,390	1,058	984	1,272
Blackeye, California.....	452	436	694	1,175	346	638	1,087	318
Garbanzo.....	38	39	31	2	27	28	2	24
Other.....	777	714	626	682	715	561	610	645
Total.....	13,083	15,859	17,218	20,827	21,554	15,783	19,420	20,059

<sup>1</sup> Soybeans and mung beans are not included.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes dark red kidney.

Bureau of Agricultural Economics.

FOOTNOTES FOR TABLE 401:

<sup>1</sup> Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere. Averages are for years stated or for the nearest comparable period. Bags of 100 pounds.

<sup>2</sup> Preliminary. <sup>3</sup> About 60 percent of the Mexican crop is "porquero" type garbanzos, used mostly for livestock feed in Mexico. <sup>4</sup> Includes large quantities of "porquero" type garbanzos (see footnote 3). <sup>5</sup> Figures for 1948 and 1949 include areas not reported in the previous periods.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States Foreign Service officers, results of office research, and other information.

TABLE 403.—*Beans, dry, edible: Production, seed used, and farm disposition, United States, 1909-49*<sup>1</sup>

Crop of—	Production		Total used for seed	Farm disposition (cleaned basis)		
	Total	Cleaned		Used on farms where grown		Sold
				For seed	For farm household use <sup>2</sup>	
	<i>1,000 bags</i> <sup>3</sup>	<i>1,000 bags</i> <sup>3</sup>	<i>1,000 bags</i> <sup>3</sup>	<i>1,000 bags</i> <sup>3</sup>	<i>1,000 bags</i> <sup>3</sup>	<i>1,000 bags</i> <sup>3</sup>
1909	6,781	6,430	430	234	91	6,105
1910	6,539	6,079	534	287	91	5,701
1911	7,442	6,659	522	296	92	6,271
1912	7,485	6,736	512	291	97	6,348
1913	6,486	6,057	518	285	99	5,673
1914	7,823	7,208	604	317	95	6,796
1915	8,066	7,251	728	349	99	6,803
1916	7,170	6,450	985	465	102	5,883
1917	10,112	9,036	863	434	113	8,489
1918	10,388	9,281	502	279	104	8,898
1919	8,175	7,799	453	254	92	7,453
1920	6,140	5,809	429	239	85	5,485
1921	6,184	5,772	601	301	80	5,391
1922	7,964	7,324	657	367	86	6,871
1923	9,691	8,955	791	442	87	8,426
1924	9,084	8,410	804	484	89	7,837
1925	11,821	10,755	882	548	89	10,118
1926	11,036	9,669	728	455	87	9,127
1927	9,749	9,108	767	480	86	8,542
1928	10,571	9,900	812	488	81	9,331
1929	12,289	11,561	965	536	83	10,942
1930	14,341	13,540	917	573	95	12,872
1931	12,884	11,970	687	426	92	11,452
1932	10,961	10,410	799	450	85	9,875
1933	12,760	12,065	846	507	89	11,469
1934	11,399	10,656	879	481	80	10,095
1935	14,335	13,333	831	485	88	12,760
1936	11,821	10,767	860	442	75	10,250
1937	15,830	14,940	788	455	80	14,405
1938	15,704	14,717	792	461	80	14,176
1939	15,045	14,254	907	511	75	13,668
1940	16,945	15,790	992	520	67	15,203
1941	18,556	17,100	974	509	71	16,520
1942	18,987	17,568	1,142	487	61	17,020
1943	21,002	19,435	987	498	60	18,877
1944	16,147	15,060	767	348	54	14,658
1945	13,083	11,954	796	287	55	11,612
1946	15,859	14,737	880	346	51	14,340
1947	17,218	15,783	943	364	49	15,370
1948	20,827	19,420	925	360	47	19,013
1949 <sup>4</sup>	21,554	20,059	820	320	44	19,695

<sup>1</sup> Excluding soybeans. <sup>2</sup> Also includes small quantities fed to livestock, or lost. <sup>3</sup> Bags of 100 pounds. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 404.—*Beans, dry, edible: Production, seed used, and farm disposition, by States, crops of 1948 and 1949*<sup>1</sup>

State	Crop of 1948						Crop of 1949 <sup>1</sup>					
	Production		Total used for seed	Farm disposition (cleaned basis)			Production		Total used for seed	Farm disposition (cleaned basis)		
	Total	Cleaned		Used on farms where grown		Sold	Total	Cleaned		Used on farms where grown		Sold
				For seed	For farm household use <sup>2</sup>					For seed	For farm household use <sup>2</sup>	
	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>
Maine.....	72	68	4	3	3	62	57	51	4	3	3	45
New York.....	2,176	2,078	100	6	3	2,069	1,638	1,540	86	6	3	1,531
Michigan.....	4,435	4,258	238	132	14	4,112	5,968	5,753	214	119	14	5,620
Minnesota.....	6	5	1			5	6	6	1			6
Nebraska.....	1,494	1,419	50	3	1	1,415	1,312	1,200	43	2	1	1,197
Montana.....	312	287	15	4		283	288	253	12	3		250
Idaho.....	2,652	2,413	139	53	2	2,358	2,608	2,347	125	48	2	2,297
Wyoming.....	1,302	1,197	74	28	1	1,168	1,210	1,089	67	25	1	1,063
Colorado.....	2,333	2,146	58	28	4	2,114	2,537	2,384	52	25	4	2,355
New Mexico.....	430	408	23	14	13	381	554	524	20	12	10	502
Arizona.....	66	61	4	3	4	54	60	54	3	3	4	47
Utah.....	53	51	3	2		49	65	62	2	2		60
Washington.....	75	69	5	1		68	108	100	14	2		98
California.....	5,421	4,960	211	83	2	4,875	5,143	4,696	177	70	2	4,624
United States.....	20,827	19,420	925	360	47	19,013	21,554	20,059	820	320	44	19,695

<sup>1</sup> Excluding soybeans.

<sup>2</sup> For some States also includes small quantities fed to livestock, and lost.

<sup>3</sup> Preliminary.

<sup>4</sup> Bags of 100 pounds.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 405.—*Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1939-48*

Market and variety	Year beginning September—										
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	
New York City: <sup>1</sup>	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	
Pea, choice.....	3.92	4.25	5.55	6.25	6.66	6.98	7.17	13.50	14.51	9.53	
Lima, regular, choice.....	5.79	6.03	8.98	9.32	9.51	9.94	9.96	18.75		19.34	
F.o.b. California points: <sup>2</sup>											
Baby lima, choice, recleaned.....	3.33	3.61	5.46	6.62	6.73	7.10	7.13	11.25	10.14	8.48	
Lima, standard.....	4.76	5.10	7.79	7.96	8.03	8.40	8.52	18.49	23.86	17.78	
Red kidney.....	5.50	8.58	6.90	6.28	6.33	6.70	6.78	14.58	14.37	10.66	
Small red.....	3.46	3.40	4.35	5.61	5.83	6.20	6.23	14.08	11.42	8.96	
Small white.....	3.79	3.77	4.94	5.63	5.83	6.20	6.23	15.42	15.23	8.83	
F.o.b. Idaho points: <sup>3</sup> Great Northern, U. S. No. 1.....	3.07	3.20	4.40	5.56	5.82	6.20	6.20	10.67	10.81	7.76	
F.o.b. Colorado points: <sup>3</sup> Pinto, choice, re- cleaned.....	3.76	3.07	4.35	5.65	5.92	6.30	6.30	16.37	10.51	8.42	
F.o.b. Michigan points: <sup>3</sup> Pea, choice.....	3.34	3.68	4.94	5.70	5.93	6.25	6.88	12.88	13.29	8.10	

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

<sup>2</sup> Price includes cleaning and handling charges.

<sup>3</sup> Price includes brokerage, cleaning and handling charges.

Bureau of Agricultural Economics. Compiled as follows: New York Producers Price Current; San Francisco Weekly Bean Market Review; and records of the Production and Marketing Administration.

TABLE 406.—*Peas, dry, field: Acreage, yield, production, season average price per bag of 100 pounds received by farmers, and value, United States, 1929-49*<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price <sup>2</sup>	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bags</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	250	192	935	1,795	-----	-----
1930.....	295	229	923	2,114	-----	-----
1931.....	312	241	914	2,202	-----	-----
1932.....	257	219	956	2,094	-----	-----
1933.....	294	258	1,004	2,591	2.49	6,449
1934.....	330	277	1,032	2,859	2.67	7,632
1935.....	370	320	1,058	3,385	2.17	7,352
1936.....	296	236	1,136	2,682	2.27	6,088
1937.....	276	227	1,363	3,095	1.72	5,327
1938.....	225	165	1,078	1,778	1.85	3,293
1939.....	238	169	1,180	1,909	2.52	4,805
1940.....	314	247	887	2,192	3.15	6,906
1941.....	379	291	1,352	3,934	3.47	12,006
1942.....	518	493	1,501	7,402	4.48	30,278
1943.....	825	795	1,371	10,903	4.91	49,265
1944.....	752	719	1,237	8,894	4.97	39,871
1945.....	549	518	1,142	5,915	4.20	22,519
1946.....	521	498	1,357	6,758	4.90	30,076
1947.....	551	520	1,252	6,513	5.37	32,050
1948.....	309	292	1,226	3,580	<sup>4</sup> 4.94	16,108
1949 <sup>5</sup> .....	367	335	975	3,267	<sup>4</sup> 3.53	10,491

<sup>1</sup> Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, nor Austrian winter peas.

<sup>2</sup> Prior to 1940, prices are as of Dec. 1. Prior to 1941, they are applied to the total production, by States, to obtain approximate farm value. Beginning in 1941, prices are applied to the production of cleaned peas. Prices not available for 1929-32.

<sup>3</sup> Bags of 100 pounds (uncleaned).

<sup>4</sup> Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per 100 pounds.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 407.—*Peas, dry, field: Acreage, yield, production (average 1938-47), and season average price per bag of 100 pounds received by farmers, by States, annual 1948 and 1949* <sup>1</sup>

State	Acreage planted			Acreage harvested			Yield per harvested acre			Production					Price <sup>3</sup> for crop of—	
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Uncleaned			Equivalent cleaned		1948	1949 <sup>2</sup>
										Average 1938-47	1948	1949 <sup>2</sup>	1948	1949 <sup>2</sup>		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	Dollars	Dollars
Minnesota.....	<sup>5</sup> 5	3	7	<sup>5</sup> 5	3	7	<sup>5</sup> 854	900	950	<sup>5</sup> 39	27	66	24	59	6.55	5.40
North Dakota.....	<sup>5</sup> 15	5	3	<sup>5</sup> 14	4	3	<sup>5</sup> 1,128	1,200	1,200	<sup>5</sup> 160	48	36	41	29	4.70	3.50
Montana.....	33	9	8	32	9	7	1,165	1,200	1,150	374	108	80	93	69	5.80	5.30
Idaho.....	136	72	95	130	68	85	1,224	1,200	1,080	1,653	816	918	710	817	5.15	3.70
Wyoming.....	<sup>5</sup> 2	2	2	<sup>5</sup> 2	2	2	<sup>5</sup> 1,118	1,200	1,000	<sup>5</sup> 24	24	20	21	18	6.00	6.00
Colorado.....	39	25	30	20	20	25	852	1,000	1,000	170	200	250	178	225	4.00	2.25
Washington.....	227	156	187	210	150	174	1,302	1,300	910	2,850	1,950	1,583	1,831	1,480	4.70	3.05
Oregon.....	24	19	18	23	18	15	1,348	1,300	700	316	234	105	206	89	5.10	3.90
California.....	<sup>5</sup> 23	18	17	<sup>5</sup> 21	18	17	<sup>5</sup> 988	960	1,230	<sup>5</sup> 204	173	209	158	187	6.75	6.45
United States.....	487	309	367	442	292	335	1,231	1,226	975	5,620	3,580	3,267	3,262	2,973	4.94	3.53

<sup>1</sup> These figures are for the States in which dry edible and seed peas are grown commercially in material quantities, and do not include cowpeas nor Austrian winter peas.

<sup>2</sup> Preliminary.

<sup>3</sup> Price of cleaned peas; 1948 and 1949 prices include an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at the average loan rate per 100 pounds.

<sup>4</sup> Bags of 100 pounds.

<sup>5</sup> Short-time average.

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TABLE 408.—*Peas, dry, field: Production, by classes, in 100-pound bags, United States, 1945-49* <sup>1</sup>

Class	Uncleaned					Equivalent cleaned		
	1945	1946	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Alaska, etc. <sup>3</sup> .....	3,739	4,505	4,144	2,318	1,976	3,858	2,141	1,825
Canada, etc. <sup>4</sup> .....	800	790	857	454	550	773	407	494
Other.....	1,376	1,463	1,512	808	741	1,339	714	654
Total.....	5,915	6,758	6,513	3,580	3,267	5,970	3,262	2,973

<sup>1</sup> Cowpeas and Austrian winter peas are not included.

<sup>2</sup> Preliminary. <sup>3</sup> Alaska and other smooth green kinds.

<sup>4</sup> White Canada, First and Best, and other yellow or white smooth seeded kinds.

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TABLE 409.—*Peas, dry, edible: Acreage, yield, and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949*<sup>1</sup>

Continent and country	Acreage				Yield per acre				Production			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	1,000 bags	1,000 bags	1,000 bags	1,000 bags
North America:												
Canada.....	85	88	82	58	948	982	1,080	969	806	864	886	562
Mexico.....	12	14	18	20	342	500	489	475	41	70	88	95
United States.....	223	509	292	335	1,152	1,309	1,226	975	2,570	6,665	3,580	3,267
Total.....	320	611	392	413	1,068	1,244	1,162	950	3,417	7,599	4,554	3,924
Europe:												
Austria.....	10	10	7	6	1,220	1,200	1,429	1,374	122	120	100	84
Belgium.....	18	28	19	13	2,267	2,221	1,116	2,725	408	622	212	354
Bulgaria.....	3	7	10	10	994	756	700	700	27	51	70	70
Czechoslovakia.....	36	31	24	25	1,119	1,197	1,288	1,148	403	371	309	287
Finland.....	30	30	27	26	1,250	950	1,100	1,462	375	285	297	380
France.....	50	55	75	64	1,410	1,322	1,208	1,378	705	727	906	882
Germany:												
Western zone.....	33	43	86	75	1,536	1,570	1,141	1,381	507	675	981	1,036
Eastern zone.....	64	68	171	160	1,442	1,540	874	938	923	1,047	1,495	1,500
Hungary.....	73	172	55	71	1,084	1,131	1,009	986	791	1,945	555	700
Italy.....	60	52	45	45	673	535	538	504	404	278	242	227
Netherlands.....	91	88	57	52	2,569	2,025	1,233	2,862	2,338	1,782	703	1,488
Norway.....	2	3	2	2	1,713	935	2,116	2,000	39	25	53	50
Rumania.....	83	110	100	100	900	909	1,000	900	747	1,000	1,000	900
Spain.....	122	127	98	96	574	449	414	368	700	570	406	353
Sweden.....	34	58	36	35	1,329	1,159	1,408	1,631	452	672	507	571
United Kingdom.....	20	73	180	180	1,680	1,712	1,344	1,804	336	1,250	2,419	3,248
Yugoslavia.....	13	13	12	12	1,062	1,031	1,083	1,125	138	134	130	135
Total.....	742	968	1,004	972	1,269	1,194	1,034	1,262	9,415	11,554	10,385	12,265
Asia:												
Turkey.....	7	5	5	4	535	511	447	494	36	23	22	17
China.....	6,558	5,543	7,892	7,791	832	829	872	804	54,567	45,957	68,832	62,674
Japan.....	101	26	22	15	889	1,031	900	880	898	198	198	132
Total.....	6,666	5,574	7,919	7,810	833	830	872	804	55,501	46,248	69,052	62,823



South America:												
Argentina.....	25	27	42	45	800	752	840	778	200	203	353	350
Chile.....	71	66	55	56	708	695	645	625	501	459	355	350
Uruguay.....	2	2	1	1	500	668	493	500	10	11	5	5
Total.....	98	95	98	102	726	708	728	691	711	673	713	705
Africa:												
Algeria.....	18	35	23	23	544	291	461	452	98	102	106	104
French Morocco.....	79	123	150	175	533	519	684	411	421	638	1,026	719
Union of South Africa.....	13	20	25	25	923	650	744	760	120	130	186	190
Total.....	110	178	198	223	581	489	666	454	639	870	1,318	1,013
Oceania:												
Australia.....	29	33	6	6	776	1,027	1,633	1,667	225	339	98	100
New Zealand.....	18	38	50	43	1,578	1,392	1,434	1,395	284	529	717	600
Total.....	47	71	56	49	1,083	1,223	1,455	1,429	509	868	815	700
World total.....	7,983	7,497	9,667	9,569	879	905	898	851	70,192	67,812	86,837	81,430

<sup>1</sup> Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere. Averages are for years stated or for the nearest comparable period. Bags of 100 pounds.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 410.—*Beans, broad and horse: Acreage, yield, and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949*<sup>1</sup>

Continent and country	Acreage				Yield per acre				Production <sup>2</sup>			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	1,000 bags	1,000 bags	1,000 bags	1,000 bags
The Americas:												
Bolivia.....	10	11	10	10	1,307	1,182	1,280	1,320	128	130	128	132
Chile.....	2	2	3	3	1,239	981	667	667	25	24	20	20
Ecuador.....	25	25	27	30	244	240	259	250	61	60	70	75
Guatemala.....	2	3	4	4	1,448	800	625	625	24	24	25	25
Mexico.....	70	90	96	95	444	446	459	463	311	401	441	440
Total.....	109	131	140	142	504	488	489	487	549	639	684	692
Europe:												
Belgium.....	23	8	7	11	2,230	1,849	1,900	2,064	513	146	133	227
Cyprus.....	6	6	7	7	1,046	1,000	792	714	67	60	53	50
Czechoslovakia.....	7	6	4	5	1,400	1,000	1,525	1,427	98	60	61	71
France.....	147	80	97	114	1,166	856	953	725	1,714	685	924	826
Greece.....	58	60	67	55	817	667	631	702	474	400	423	386
Italy.....	1,584	1,300	1,295	1,305	837	577	566	443	13,256	7,500	7,330	5,783
Netherlands.....	28	20	11	12	2,329	1,630	1,555	2,292	652	326	171	275
Portugal.....	136	147	150	147	649	547	950	329	883	804	1,425	484
Spain.....	454	357	328	360	722	662	430	389	3,279	2,364	1,411	1,400
United Kingdom.....	123	209	88	109	1,767	1,621	1,782	1,706	2,173	3,387	1,568	1,859
Total.....	2,566	2,193	2,054	2,125	901	717	657	535	23,109	15,732	13,499	11,361
Asia:												
China.....	6,931	6,935	7,353	7,218	960	947	914	838	66,535	65,675	67,224	60,502
Iraq.....	20	25	4	4	2,620	2,820	3,086	3,084	524	705	116	133
Japan.....	80	46	42	42	1,280	1,341	814	1,050	1,024	617	342	441
Lebanon.....	4	4	4	4	425	500	912	927	17	20	35	35
Syria.....	10	13	48	80	1,200	1,008	967	1,100	120	131	464	880
Turkey.....	173	130	116	115	730	679	728	703	1,263	883	844	809
Total.....	7,218	7,153	7,567	7,463	963	951	912	841	69,483	68,031	69,025	62,800
Africa:												
Algeria.....	75	68	46	50	475	300	443	450	356	204	204	225
Egypt.....	408	400	413	440	1,598	1,630	1,533	1,607	6,521	6,521	6,330	7,069
French Morocco.....	150	197	84	90	365	428	423	284	548	844	355	256
Tunisia.....	71	83	79	85	758	425	380	412	538	353	300	350
Total.....	704	748	622	665	1,131	1,059	1,156	1,188	7,963	7,922	7,189	7,900
World total.....	10,597	10,225	10,383	10,395	954	903	871	796	101,104	92,324	90,397	82,753

See footnotes on p. 339.

TABLE 411.—*Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-49*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	1,000 acres	Pounds	Tons	Dollars	1,000 dollars		1,000 acres	Pounds	Tons	Dollars	1,000 dollars
1929-----	312	305.5	47,600	-----	-----	1939-----	228	263.0	30,000	107.00	3,204
1929-----	310	304.5	47,300	114.52	5,417	1940-----	298	295.0	43,900	66.00	2,897
1930-----	392	260.8	51,100	66.26	3,386	1941-----	250	370.0	46,300	119.00	5,498
1931-----	314	313.7	49,300	44.81	2,209	1942-----	230	339.0	39,000	174.00	6,776
1932-----	313	261.8	40,900	37.04	1,515	1943-----	244	298.0	36,200	267.00	9,663
1933-----	277	216.5	30,000	102.00	3,060	1944-----	382	362.0	69,200	215.00	14,862
1934-----	305	188.9	28,700	164.43	4,719	1945-----	279	280.0	39,200	259.00	10,167
1935-----	501	247.1	61,800	73.75	4,558	1946-----	300	291.0	43,500	292.00	12,686
1936-----	309	231.4	35,800	116.03	4,154	1947-----	232.5	295.0	34,400	300.00	10,323
1937-----	282	298.2	42,100	70.14	2,953	1948-----	191.0	313.0	30,000	308.00	9,233
1938-----	267	280.3	37,500	62.13	2,330	1949 <sup>1</sup> -----	247.5	356.0	44,100	216.00	9,516
1939-----	229	265.0	30,280	-----	-----						

<sup>1</sup> Preliminary.Bureau of Agricultural Economics. *Italic figures are census returns. Data for 1919-28 in Agricultural Statistics, 1942, table 476.*TABLE 412.—*Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	Tons	Tons	Tons	Dollars	Dollars	Dollars
Illinois-----	19.0	4.0	5.5	539	700	570	5,040	1,400	1,600	241	381	310
Kansas-----	17	8	7	278	350	340	2,410	1,400	1,200	180	323	253
Oklahoma-----	77	54	65	322	325	350	12,350	8,800	11,400	197	325	250
Texas-----	29	34	49	316	235	380	4,710	4,000	9,300	176	275	180
Colorado-----	77	59	71	269	335	340	10,910	9,900	12,100	172	300	220
New Mexico-----	52	32	50	245	280	340	6,500	4,500	8,500	162	293	180
United States--	271.0	191.0	247.5	307	313	356	41,920	30,000	44,100	186	308	216

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

## FOOTNOTES FOR TABLE 410:

<sup>1</sup> Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere. Averages are for years stated or for the nearest comparable period. Bags of 100 pounds.<sup>2</sup> Preliminary.<sup>3</sup> May include some green harvest, particularly in the countries reporting high yields per acre. Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information.

TABLE 413.—*Cowpeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-49*

Year	Total planted acreage <sup>1</sup>	Acreage grown alone for all purposes	Acreage grazed, plowed under, etc. <sup>2</sup>	Cowpeas for peas <sup>3</sup>				
				Acreage harvested	Yield per acre	Production	Price	Farm value
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1929.....		776				3,274		
1929.....	1,814	1,214	275	586	5.9	3,455	2.63	9,078
1930.....	2,050	1,357	285	674	5.5	3,681	1.95	7,160
1931.....	3,094	2,095	384	1,139	6.5	7,385	.83	6,131
1932.....	4,309	3,023	668	1,190	5.4	6,430	.76	4,884
1933.....	3,603	2,487	526	1,086	5.8	6,332	1.33	8,442
1934.....		2,711				6,162		
1934.....	3,977	2,713	466	1,190	5.2	6,144	1.46	8,983
1935.....	3,543	2,342	511	1,057	5.6	5,933	1.51	8,963
1936.....	5,291	3,373	1,919	1,366	5.2	7,109	1.73	12,329
1937.....	6,836	3,648	2,125	1,472	5.3	7,814	1.43	11,161
1938.....	5,388	3,296	2,087	1,366	5.0	6,948	1.41	9,800
1939.....		2,909				5,959		
1939.....	5,318	3,168	2,074	1,381	4.6	6,332	1.40	8,856
1940.....	6,334	3,357	1,926	1,432	5.0	7,186	1.46	10,482
1941.....	6,388	3,770	2,018	1,483	5.4	8,074	1.88	15,191
1942.....	4,789	3,382	1,788	1,241	5.5	6,870	2.33	16,018
1943.....	3,376	2,223	1,309	852	5.2	4,393	3.37	14,793
1944.....		1,415				3,603		
1944.....	2,348	1,560	843	712	5.4	3,874	3.76	14,583
1945.....	2,179	1,477	816	648	5.8	3,790	3.97	15,040
1946.....	1,791	1,215	720	566	5.8	3,263	4.47	14,572
1947.....	1,648	1,138	611	587	5.9	3,466	4.96	17,186
1948.....	1,583	1,117	647	534	6.4	3,435	4.17	14,322
1949 <sup>3</sup> .....	1,658	1,177	712	478	6.2	2,982	3.59	10,706

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> For the data on cowpea hay, see table 377.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1924-28 in Agricultural Statistics, 1942, table 467.

TABLE 414.—*Cowpeas for peas: Production, seed used, and farm disposition, United States, 1924-49*

Crop of—	Production	Total used for seed	Farm disposition			
			Used on farms where grown			Sold
			For seed	Fed to livestock	For farm household use	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1924	3,977	1,535	911	961	541	1,564
1925	4,015	1,811	1,007	987	504	1,517
1926	4,583	2,473	1,224	1,189	527	1,643
1927	6,105	2,090	1,376	1,766	561	2,402
1928	4,124	1,544	1,139	1,046	394	1,545
1929	3,455	1,748	1,145	852	340	1,118
1930	3,681	2,804	1,582	762	371	966
1931	7,385	3,997	2,624	1,840	589	2,332
1932	6,430	3,437	2,555	1,337	584	1,954
1933	6,332	3,834	2,545	1,362	542	1,883
1934	6,144	3,397	2,508	1,215	551	1,870
1935	5,933	4,638	2,603	1,192	499	1,639
1936	7,109	5,302	3,264	1,292	579	1,974
1937	7,814	4,820	3,384	1,463	671	2,296
1938	6,948	4,812	3,164	1,414	596	1,774
1939	6,332	5,033	2,971	1,131	471	1,759
1940	7,186	5,142	3,303	1,413	459	2,011
1941	8,074	4,796	3,433	1,671	545	2,425
1942	6,870	3,451	2,703	1,527	521	2,119
1943	4,393	2,373	1,772	1,049	407	1,165
1944	3,874	1,803	1,296	776	328	1,474
1945	3,790	1,493	1,109	761	330	1,590
1946	3,263	1,350	993	637	318	1,315
1947	3,466	1,285	945	680	322	1,519
1948	3,435	1,347	972	719	320	1,424
1949 <sup>1</sup>	2,982	1,340	958	665	284	1,075

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 415.—*Cowpeas: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Total planted acreage <sup>1</sup>			Acreage grazed, plowed under, etc. <sup>1</sup>			Cowpeas for peas <sup>2</sup>											
							Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Indiana.....	18	3	2	13	2	4	63	28	18	6.2	5.5	6.5	42	11	6	2.19	2.45	2.40
Illinois.....	143	42	39	12	4	4	10	5	2	5.7	7.0	5.0	368	196	90	2.22	2.40	2.10
Missouri.....	61	23	25	12	4	4	10	5	2	7.0	8.0	9.0	66	40	18	2.31	3.01	2.70
Kansas.....	24	37	35	14	20	19	2	5	5	7.0	6.5	8.0	15	32	40	2.27	3.25	2.50
Maryland.....	6	3	2	2	2	1	11	4	4	8.6	8.0	10.0	39	32	40	3.59	5.97	5.60
Virginia.....	50	19	20	15	8	9	11	4	4	6.4	7.0	7.5	63	28	30	2.92	4.38	3.30
North Carolina.....	271	91	97	119	46	54	59	22	19	4.7	6.0	5.5	276	132	104	3.20	4.58	4.00
South Carolina.....	677	278	294	178	91	94	166	67	68	4.2	5.0	5.0	680	335	340	3.67	5.63	4.70
Georgia.....	511	248	264	136	120	125	170	87	84	4.5	5.5	5.0	758	478	420	3.35	4.70	3.90
Florida.....	42	38	39	26	26	27	4	4	4	5.8	8.0	10.0	39	32	40	2.76	5.97	5.60
Kentucky.....	34	16	16	5	2	3	5	4	3	5.6	6.0	5.0	27	24	15	2.47	3.07	2.70
Tennessee.....	107	42	49	20	9	11	22	9	8	5.8	7.0	6.5	125	63	52	2.76	3.50	3.40
Alabama.....	263	125	129	56	27	39	111	62	49	5.4	7.0	5.5	584	434	270	2.66	3.75	3.60
Mississippi.....	331	125	130	125	49	40	106	51	51	5.8	7.5	7.5	603	382	382	2.97	3.81	3.60
Arkansas.....	350	108	108	169	42	44	66	37	35	5.4	6.5	6.5	363	240	228	2.66	3.66	3.60
Louisiana.....	170	79	86	94	37	43	46	29	30	4.6	5.0	5.5	205	145	165	2.79	4.31	3.70
Oklahoma.....	131	73	101	74	41	64	20	22	21	5.8	6.5	6.5	114	143	136	2.69	3.30	2.80
Texas.....	562	233	222	359	121	131	158	96	76	7.0	7.5	8.5	1,086	720	646	2.57	4.44	3.10
United States.....	3,756	1,583	1,658	1,419	647	712	1,029	534	478	5.4	6.4	6.2	5,420	3,435	2,982	2.90	4.17	3.59

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> Preliminary.<sup>3</sup> For data on cowpea hay, see table 377.

Bureau of Agricultural Economics.

TABLE 416.—*Cowpeas for peas: Production, seed used, and farm disposition, by States, crops of 1948 and 1949*

State	Crop of 1948						Crop of 1949 <sup>1</sup>					
	Pro- duction	Total used for seed	Farm disposition				Pro- duction	Total used for seed	Farm disposition			
			Used on farms where grown			Sold			Used on farms where grown			Sold
			For seed	Fed to live- stock	For farm house- hold use				For seed	Fed to live- stock	For farm house- hold use	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	11	3	2	2	0	7	6	4	2	1	0	3
Illinois.....	196	51	43	11	0	142	90	39	33	4	0	53
Missouri.....	40	25	12	2	2	24	18	20	10	1	1	6
Kansas.....	32	24	5	3	1	23	40	24	5	4	1	30
Maryland.....		4						4				
Virginia.....	28	24	12	3	1	12	30	20	10	3	2	15
North Carolina.....	132	87	65	10	14	43	104	81	61	8	10	25
South Carolina.....	335	265	159	12	15	149	340	275	165	14	17	144
Georgia.....	478	238	190	48	33	207	420	228	182	42	29	167
Florida.....	32	34	12	5	8	7	40	39	14	6	10	10
Kentucky.....	24	18	9	2	1	12	15	16	8	1	1	5
Tennessee.....	63	44	26	4	6	27	52	40	24	3	5	20
Alabama.....	434	116	99	74	74	187	270	104	88	46	46	90
Mississippi.....	382	117	96	114	65	107	382	117	94	134	65	89
Arkansas.....	240	76	65	72	24	79	228	78	66	68	23	71
Louisiana.....	145	60	46	46	22	31	165	62	46	50	25	44
Oklahoma.....	143	50	32	41	4	66	136	50	32	41	4	59
Texas.....	720	111	99	270	50	301	646	139	118	239	45	244
United States...	3,435	1,347	972	719	320	1,424	2,982	1,340	958	665	284	1,075

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 417.—*Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1938-47, annual 1948 and 1949*

State	Acreage picked			Yield per acre			Production <sup>2</sup>			Price for crop of—		
	Aver- age 1938-47	1948	1949 <sup>1</sup>	Aver- age 1938-47	1948	1949 <sup>1</sup>	Aver- age 1938-47	1948	1949 <sup>1</sup>	Aver- age 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Washington.....	8,340	12,900	13,000	1,830	1,760	1,490	15,086	22,704	19,370	49	58	59
Oregon.....	19,210	17,700	14,800	890	890	990	17,109	15,753	14,652	47	49	53
California.....	7,950	9,200	9,200	1,497	1,235	1,665	11,951	11,362	15,318	45	59	58
United States..	35,500	39,800	37,000	1,238	1,252	1,334	44,146	49,819	49,340	47.2	55.4	56.9

<sup>1</sup> Preliminary.

<sup>2</sup> For some States in certain years, production includes some quantities not marketed because of economic conditions and the marketing agreement allotments. For 1949, includes approximately 6,510,000 pounds not harvested and 4,900,000 pounds harvested but not available for sale under Hop Control Board regulations. Prices apply only to the part of the crop which was sold.

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TABLE 418.—Hops: Acreage, yield, production, value, Sept. 1 stocks, foreign trade, and consumption, United States, 1929-49

Year	Acreage picked	Yield per acre	Pro- duction <sup>1</sup>	Season average price per pound received by farm- ers <sup>2</sup>	Farm value	Stocks, Sept. 1	Foreign trade, year be- ginning September <sup>3</sup>			Con- sump- tion by brew- eries, year be- ginning Sept. <sup>4</sup>
							Im- ports <sup>4</sup>	Domes- tic exports	Net ex- ports or imports (-) <sup>5</sup>	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929.....	24,400	1,360	33,195	11.4	3,785	5,700	1,044	6,725	5,817	2,627
1930.....	19,500	1,202	23,447	14.8	3,462	6,512	1,039	5,562	4,526	2,197
1931.....	21,400	1,234	26,410	13.8	3,042	2,328	1,294	3,801	2,507	1,841
1932.....	22,000	1,094	24,058	17.5	4,199	2,536	4,962	2,444	-2,518	7,767
1933.....	30,300	1,330	40,285	30.4	12,243	1,789	5,761	7,700	1,939	28,836
1934.....	37,100	1,184	43,934	14.5	6,357	8,658	5,257	6,772	1,515	31,658
1935.....	39,100	1,188	46,433	9.8	4,010	16,061	6,535	6,184	-351	34,516
1936.....	31,000	816	25,281	27.6	6,976	15,825	11,026	2,719	-8,307	36,608
1937.....	34,300	1,281	43,955	16.2	6,419	15,825	9,189	5,784	-3,405	33,793
1938.....	31,500	1,120	35,288	19.7	6,346	25,173	8,053	4,183	-3,870	32,485
1939.....	31,000	1,208	37,462	24.5	8,490	27,069	6,814	7,991	1,177	31,670
1940.....	32,800	1,306	42,846	26.8	11,490	22,124	3,736	10,030	6,294	31,831
1941.....	34,800	1,160	40,580	31.9	12,883	23,193	154	9,459	9,305	34,806
1942.....	34,600	1,016	35,153	45.2	15,894	18,893	111	8,673	8,562	34,024
1943.....	32,200	1,318	42,448	62.2	26,423	10,735	73	6,338	6,265	36,983
1944.....	37,000	1,293	47,840	65.3	31,235	10,211	13	8,686	8,673	37,240
1945.....	40,700	1,395	56,772	64.9	36,841	10,389	3,859	14,290	10,431	36,834
1946.....	40,700	1,306	53,171	62.7	33,361	16,265	4,126	12,261	8,134	42,395
1947.....	39,700	1,262	50,098	68.4	34,243	23,770	5,617	11,081	5,464	41,249
1948.....	39,800	1,252	49,819	55.4	27,591	28,250	4,400	12,376	7,976	39,562
1949 <sup>10</sup> .....	37,000	1,334	49,340	56.9	21,584	29,940				

<sup>1</sup> Includes the following quantities not marketed because of economic conditions and the marketing agreement allotments (1,000 pounds): 1935, 5,436; 1937, 4,365; 1938, 3,140; 1939, 2,813. For 1949, includes approximately 6,510,000 pounds not harvested and 4,900,000 pounds harvested but not available for sale under Hop Control Board regulations. Price and value apply only to the part of the crop which was sold.

<sup>2</sup> Prior to 1932 prices are as of Dec. 1.

<sup>3</sup> Compiled from reports of the Department of Commerce.

<sup>4</sup> General imports 1929-32; imports for consumption beginning 1933.

<sup>5</sup> Total exports (domestic plus foreign) minus total imports; beginning 1933 domestic exports minus imports for consumption, with net imports shown by a minus sign.

<sup>6</sup> 1929 to 1931 represent hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume; 1932 includes 867,057 pounds of hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume and 6,900,263 pounds fermented malt liquor containing not more than 3.2 percent of alcohol by weight; 1933 to date, used for fermented liquor. Annual reports of the Commissioner of Prohibition, 1929; Commissioner of Industrial Alcohol, 1930 to 1932, and records of the Bureau of Internal Revenue 1933 to date.

<sup>7</sup> Includes hop extract and lupulin 1930-35.

<sup>8</sup> Hops, only, beginning January 1936.

<sup>9</sup> Prior to 1937, the Sept. 1 stocks included only those in growers' hands; from 1937 to date, stocks in dealers' hands and in brewers' hands are also included and these have greatly exceeded the growers' stocks.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Acreage, production, and value for Washington, Oregon, and California. Idaho not included. Data for 1910-28 in Agricultural Statistics, 1942, table 479.



TABLE 419.—*Lentils: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1948 and 1949*<sup>1</sup>

Continent and country	Acreage				Yield per acre				Production			
	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>	Average		1948	1949 <sup>2</sup>
	1935-39	1940-44			1935-39	1940-44			1935-39	1940-44		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	1,000 bags	1,000 bags	1,000 bags	1,000 bags
<b>The Americas:</b>												
Mexico.....	5	6	7	7	412	420	594	500	22	23	44	35
Argentina.....	34	28	74	74	279	982	745	745	265	275	551	551
Chile.....	110	48	49	47	532	625	453	426	285	200	222	200
Total.....	149	82	130	128	585	729	628	614	872	598	817	786
<b>Europe:</b>												
Bulgaria.....	15	26	25	25	987	677	680	680	148	176	170	170
Czechoslovakia.....	14	5	2	2	629	690	900	732	88	34	18	16
France.....	24	25	63	45	862	548	602	244	207	137	379	110
Greece.....	26	26	27	24	485	481	470	458	126	125	127	110
Italy.....	51	52	62	63	527	452	437	383	269	235	271	241
Rumania.....	29	37	35	35	521	532	543	543	151	197	190	190
Spain.....	55	104	138	99	533	407	321	401	293	423	443	397
Total.....	214	275	352	293	599	483	454	421	1,282	1,327	1,598	1,234
<b>Asia:</b>												
Iraq.....	50	70	18	18	264	296	283	283	132	207	51	51
Lebanon.....	3	4	5	5	833	769	937	959	25	32	46	47
Syria.....	66	103	114	115	1,180	674	640	565	779	694	730	650
Turkey.....	76	93	101	117	661	747	875	697	502	695	884	815
Total.....	195	270	238	255	737	603	719	613	1,438	1,628	1,711	1,563
<b>Africa:</b>												
Algeria.....	6	25	41	80	386	284	627	529	25	71	257	423
Egypt.....	82	79	73	84	1,477	1,541	1,421	1,429	1,211	1,217	1,037	1,200
French Morocco.....	33	39	28	24	279	379	212	212	92	107	106	51
Spanish Morocco.....	1	2	2	2	470	523	500	500	6	10	10	10
Total.....	122	145	144	190	1,093	969	979	886	1,334	1,405	1,410	1,684
<b>World total.....</b>	<b>680</b>	<b>772</b>	<b>864</b>	<b>866</b>	<b>724</b>	<b>642</b>	<b>641</b>	<b>608</b>	<b>4,926</b>	<b>4,958</b>	<b>5,536</b>	<b>5,267</b>

<sup>1</sup> Years refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere. Averages are for years stated or for the nearest comparable period. Bags of 100 pounds.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, and other information.

TABLE 420.—*Mung beans: Acreage, yield, production, season average price per pound received by farmers, and value, Oklahoma, 1942-49*

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Produc- tion	Price	Farm value
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars
1942.....	15	10	540	5,400	4.5	243
1943.....	45	35	180	6,300	8.0	504
1944.....	75	55	200	11,000	14.5	1,595
1945.....	169	110	220	24,200	10.0	2,420
1946.....	110	70	210	14,700	8.0	1,176
1947.....	65	42	240	10,080	8.0	806
1948.....	70	55	280	15,400	5.4	832
1949 <sup>1</sup> .....	35	25	320	8,000	4.0	320

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 421.—*Peppermint and spearmint for oil, commercial crop: Acreage, yield, production, season average price per pound of oil received by farmers, and value, 6 States, 1935-49*

Year	Peppermint <sup>1</sup>					Spearmint <sup>2</sup>				
	Acreage for harvest	Yield of oil per acre	Produc- tion of oil	Price per pound	Farm value	Acreage for harvest	Yield of oil per acre	Produc- tion of oil	Price per pound	Farm value
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1935.....	40,220	31.5	1,265	1.74	2,197	3,540	29.1	103	1.30	134
1936.....	37,960	26.1	991	1.99	1,969	3,430	22.2	76	1.61	122
1937.....	33,050	27.4	905	2.05	1,854	4,230	25.3	107	1.60	171
1938.....	31,160	31.3	974	2.06	2,004	3,680	24.5	90	1.52	137
1939.....	31,350	28.6	896	2.00	1,794	4,140	27.3	113	1.53	173
1940.....	31,860	30.6	974	2.22	2,159	5,640	29.8	168	1.76	296
1941.....	32,490	29.5	958	3.44	3,298	6,750	35.4	239	2.22	531
1942.....	42,095	34.1	1,435	4.85	6,955	8,065	43.3	349	2.88	1,005
1943.....	37,010	22.3	826	5.93	4,898	7,730	30.9	239	3.64	871
1944.....	41,580	28.7	1,195	6.85	8,188	7,300	29.7	217	3.50	759
1945.....	46,290	30.5	1,410	5.87	8,274	9,000	32.8	295	3.50	1,033
1946.....	45,800	29.1	1,334	6.36	8,486	10,000	30.7	307	5.61	1,722
1947.....	47,400	33.8	1,603	6.94	11,129	14,300	33.6	481	5.57	2,678
1948.....	42,200	37.2	1,569	6.20	9,734	21,900	36.5	800	4.30	3,441
1949 <sup>3</sup> .....	44,900	35.2	1,579	4.87	7,692	17,700	30.0	531	3.17	1,681

<sup>1</sup> Peppermint: Indiana, Michigan, Ohio, California, Oregon, Washington, 1935-45; Ohio and California estimates discontinued in 1946.<sup>2</sup> Spearmint: Indiana, Michigan, and California, 1935-43; California estimates discontinued in 1944.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1929-34 in Agricultural Statistics, 1948, table 412.

TABLE 422.—*Peppermint and spearmint for oil, commercial crop: Acreage, production, and season average price per pound of oil received by farmers, by States, average 1938-47, annual 1948 and 1949*

## PEPPERMINT AND SPEARMINT COMBINED

State	Acreage for harvest			Production of oil			Price per pound for crop of—		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Indiana.....	19,290	30,000	27,900	549	1,050	886	4.24	5.14	4.49
Michigan.....	18,210	16,700	15,500	474	488	380	4.38	5.34	3.95
Ohio.....	150	( <sup>2</sup> )	( <sup>2</sup> )	4	-----	-----	4.14	-----	-----
California.....	710	( <sup>2</sup> )	( <sup>2</sup> )	26	-----	-----	4.16	-----	-----
Oregon.....	5,210	12,600	14,500	230	567	609	4.73	6.40	4.70
Washington.....	2,790	4,800	4,700	126	264	235	4.26	5.85	4.40
Total, 6 States.....	46,360	64,100	62,600	1,410	2,369	2,110	4.38	5.56	4.44

## PEPPERMINT

Indiana.....	14,180	14,800	16,200	384	518	535	4.70	6.15	5.30
Michigan.....	15,770	10,000	9,500	395	220	200	4.68	6.25	4.80
Ohio.....	150	( <sup>2</sup> )	( <sup>2</sup> )	4	-----	-----	4.14	-----	-----
California.....	600	( <sup>2</sup> )	( <sup>2</sup> )	21	-----	-----	4.29	-----	-----
Oregon.....	5,210	12,600	14,500	230	567	609	4.73	6.40	4.70
Washington.....	2,790	4,800	4,700	126	264	235	4.26	5.85	4.40
Total, 6 States.....	38,700	42,200	44,900	1,160	1,569	1,579	4.65	6.20	4.87

## SPEARMINT

Indiana.....	5,110	15,200	11,700	166	532	351	3.16	4.15	3.25
Michigan.....	2,440	6,700	6,000	80	268	180	3.15	4.60	3.00
California.....	110	( <sup>2</sup> )	( <sup>2</sup> )	5	-----	-----	2.45	-----	-----
Total, 3 States.....	7,660	21,900	17,700	250	800	531	3.17	4.30	3.17

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.

Bureau of Agricultural Economics.

TABLE 423.—*Popcorn: Acreage, yield, production, season average price received by farmers, and value, United States, 1929-49*<sup>1</sup>

Year	Acreage harvested	Yield per acre <sup>2</sup>	Production <sup>2</sup>	Price per 100 pounds of ear corn	Farm value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	40,800	1,315	53,633	2.74	1,467
1930.....	56,200	1,189	66,832	2.63	1,755
1931.....	34,400	1,084	37,292	1.94	723
1932.....	34,600	1,234	42,706	1.24	528
1933.....	13,100	1,178	15,435	1.19	183
1934.....	13,400	391	5,246	4.98	261
1935.....	83,600	949	79,312	2.20	1,817
1936.....	67,890	976	56,508	2.76	1,559
1937.....	86,100	1,205	103,782	1.69	1,754
1938.....	61,850	1,526	94,370	1.58	1,488
1939.....	64,500	1,555	100,294	1.41	1,412
1940.....	56,500	1,384	78,195	1.67	1,226
1941.....	96,500	1,299	125,340	1.91	2,390
1942.....	100,200	1,637	164,018	2.68	4,390
1943.....	89,700	1,410	126,485	4.32	5,466
1944.....	174,800	1,343	234,747	3.77	8,864
1945.....	311,900	1,372	427,780	3.69	15,779
1946.....	154,600	1,637	253,092	3.61	8,884
1947.....	82,500	1,240	102,325	4.72	4,825
1948.....	159,400	1,939	309,125	4.33	13,372
1949 <sup>3</sup> .....	96,800	1,618	156,597	3.28	5,136

<sup>1</sup> In principal commercial producing States, totaling 12 in recent years. Information prior to 1935 available for Iowa, Nebraska, and Kansas only.

<sup>2</sup> Of ear corn; a bushel is 70 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 424.—*Popcorn: Acreage, yield, production, and season average price received by farmers, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

State	Acreage harvested			Yield per acre <sup>1</sup>			Production <sup>2</sup>			Price for crop of—		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>	<i>Dollars per 100 pounds</i>	<i>Dollars per 100 pounds</i>
Ohio.....	10,920	21,000	9,500	1,762	2,600	2,150	19,629	54,600	20,425	2.98	4.35	3.00
Indiana.....	12,820	16,500	12,400	1,710	2,500	2,050	22,477	41,250	25,420	3.14	4.40	3.30
Illinois.....	13,400	29,300	17,000	1,562	2,250	1,800	20,954	65,925	30,600	3.22	3.70	3.40
Michigan.....	2,440	2,000	1,200	1,296	2,500	2,503	3,263	5,000	3,000	3.22	4.75	2.90
Iowa.....	37,510	26,000	21,000	1,482	2,110	1,500	54,788	54,860	31,500	2.70	5.20	3.40
Missouri.....	8,970	11,000	9,000	1,397	2,100	1,400	13,058	23,100	12,600	2.84	5.40	3.60
Nebraska.....	7,350	5,000	3,000	1,196	1,800	1,400	9,758	9,000	4,200	3.15	4.40	3.10
Kansas.....	3,990	2,600	2,500	1,098	1,650	1,260	4,522	4,290	3,150	3.16	4.50	3.50
Kentucky.....	5,370	15,500	10,200	1,144	1,610	1,260	6,996	24,955	12,852	3.26	3.25	2.95
Oklahoma.....	12,286	24,000	7,000	1,101	1,780	1,250	10,847	18,720	8,750	2.99	3.75	2.90
Texas.....	5,665	5,500	3,000	1,028	1,150	1,000	5,773	6,325	3,000	2.42	3.75	2.90
California.....	2,070	1,000	1,000	815	1,100	1,100	1,683	1,100	1,100	5.61	6.00	6.50
United States.....	119,305	159,400	96,800	1,440	1,939	1,618	170,665	309,125	156,597	2.92	4.33	3.28

<sup>1</sup> In principal commercial producing States.

<sup>2</sup> Preliminary.

<sup>3</sup> Of ear corn; a bushel is 70 pounds.

<sup>4</sup> Short-time average.

<sup>5</sup> Equivalent price per 100 lb. of ear corn. Bulk of crop is sold by growers after shelling and cleaning.

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TABLE 425.—*Velvetbeans: Acreage, yield, production, Dec. 1 price per ton received by farmers, and value, United States, 1929-49*<sup>1</sup>

Year	Total acreage	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929 .....	1,421	881.1	626	13.98	8,749
1930 .....	1,372	800.3	549	13.80	7,575
1931 .....	1,252	718.8	450	9.85	4,434
1932 .....	1,687	832.2	702	4.79	3,362
1933 .....	1,794	819.4	735	8.70	6,393
1934 .....	2,075	796.1	826	12.66	10,461
1935 .....	2,125	893.2	949	11.15	10,577
1936 .....	2,170	803.7	872	13.35	11,637
1937 .....	2,025	883.0	894	11.83	10,575
1938 .....	2,199	813.1	894	12.28	10,982
1939 .....	2,400	700.0	840	12.60	10,785
1940 .....	2,454	796.0	977	13.20	12,862
1941 .....	2,165	858.0	929	15.30	14,248
1942 .....	1,884	796.0	750	18.40	13,784
1943 .....	1,948	796.0	775	24.30	18,821
1944 .....	1,446	842.0	609	28.10	17,143
1945 .....	1,256	836.0	525	29.30	15,376
1946 .....	1,075	806.0	433	34.20	14,827
1947 .....	1,036	786.0	407	33.50	13,620
1948 .....	821	853.0	350	33.20	11,636
1949 <sup>2</sup> .....	778	866.0	337	38.80	13,092

<sup>1</sup> Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 472.

TABLE 426.—*Velvetbeans: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1938-47, annual 1948 and 1949*<sup>1</sup>

State	Total acreage			Yield per acre			Production			Dec. 1 price		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
South Carolina.....	75	40	30	1,069	1,150	950	41	23	14	25.50	36.00	43.00
Georgia.....	1,025	511	485	833	890	910	424	227	221	21.50	32.00	40.00
Florida.....	196	149	156	532	600	750	52	45	58	19.80	32.00	35.00
Alabama.....	356	90	76	810	950	800	141	43	30	23.50	39.00	39.00
Mississippi.....	71	15	15	930	925	1,130	33	7	8	24.30	36.00	30.00
Louisiana.....	63	16	16	688	650	725	22	5	6	24.50	35.00	35.00
United States.....	1,786	821	778	803	853	866	714	350	337	22.10	33.20	38.80

<sup>1</sup> Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.<sup>2</sup> Preliminary.

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## CHAPTER VI

# STATISTICS OF BEEF CATTLE, HOGS, SHEEP, HORSES, AND MULES

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry.

The term "on farms" as used in this chapter includes ranches.

Inventory numbers in years when the census relates to a different date than January 1 were adjusted to a January 1 equivalent number. This adjustment takes into account the disappearance of numbers between January 1 and the date of the enumeration. (For differences between Department estimates and census figures, see Chapter VI, *Agricultural Statistics, 1947*.)

Three new tables have been added to this chapter, one on wool consumption, another on the grading of wool, and the third on production of meats and lard in the United States by classes of slaughter.

TABLE 427.—*All cattle and cattle other than milk cows: Number on farms and value, Jan. 1, and calf crop, United States, 1930-50*

Year	All cattle			Cattle other than milk cows <sup>1</sup>			Calf crop <sup>2</sup>
	Number	Farm value		Number	Farm value		
		Per head	Total		Per head	Total	
<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	
1930 <sup>3</sup>	54,250						
1930.	61,003	56.36	3,438,056	37,971	40.38	1,533,262	25,087
1931.	63,030	38.99	2,457,499	39,210	28.03	1,098,970	26,056
1932.	65,801	26.39	1,736,706	40,905	18.41	753,035	27,568
1933.	70,280	19.74	1,387,195	44,344	14.21	630,349	28,935
1934.	74,369	17.78	1,321,980	47,438	12.54	594,941	30,240
1935 <sup>3</sup>	68,284						
1935.	68,846	20.20	1,390,978	42,764	14.12	604,007	27,473
1936.	67,847	34.06	2,310,639	42,651	25.04	1,067,786	28,201
1937.	66,098	34.06	2,251,405	41,449	24.32	1,007,857	28,033
1938.	65,249	36.58	2,386,979	40,783	25.82	1,053,149	27,787
1939.	66,029	38.44	2,538,408	41,429	28.18	1,167,434	28,879
1940 <sup>3</sup>	60,675						
1940.	68,309	40.60	2,770,296	43,369	30.90	1,342,057	29,886
1941.	71,755	43.20	3,102,659	46,302	33.50	1,552,201	31,868
1942.	76,025	55.00	4,179,753	49,712	42.90	2,130,404	34,388
1943.	81,204	69.30	5,625,253	54,066	54.10	2,924,159	34,797
1944.	85,334	68.40	5,836,605	57,630	52.20	3,006,801	37,040
1945 <sup>3</sup>	82,654						
1945.	85,573	66.90	5,721,771	57,803	51.20	2,961,066	35,176
1946.	82,434	76.20	6,279,600	55,739	58.90	3,285,063	34,550
1947.	81,207	97.40	7,907,198	55,109	74.80	4,120,118	35,234
1948.	78,126	116.00	9,094,334	53,087	94.00	4,991,366	33,708
1949.	78,298	135.00	10,552,421	53,882	108.30	5,836,577	34,537
1950 <sup>4</sup>	80,277	123.00	9,873,710	55,652	99.20	5,522,774	

<sup>1</sup> Obtained by subtracting the estimates of milk cows and heifers 2 years old and over on farms, shown in table 430, from the estimates of all cattle on farms, shown in this table.

<sup>2</sup> Calves born during year.

<sup>3</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; and Jan. 1, 1945. 1930 and 1940 exclude spring-born calves.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in *Agricultural Statistics, 1942*, table 484.

TABLE 428.—All cattle and calves, including cows and heifers kept for milk: Number on farms and value, by States, Jan. 1, average 1939-48, annual 1949 and 1950

State and division	Number			Farm value					
	Average 1939-48	1949	1950 <sup>1</sup>	Value per head			Total value		
				Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	227	212	214	73.30	129.00	121.00	16,549	27,348	25,894
New Hampshire.....	124	118	118	91.00	163.00	145.00	11,251	19,234	17,110
Vermont.....	444	433	433	90.30	175.00	147.00	40,120	75,775	63,651
Massachusetts.....	195	177	179	121.00	211.00	196.00	23,513	37,347	35,084
Rhode Island.....	29	27	27	132.00	227.00	211.00	3,792	6,129	5,697
Connecticut.....	178	169	174	125.00	208.00	191.00	22,296	35,152	33,234
New York.....	2,130	2,182	2,226	110.00	207.00	174.00	234,764	451,674	387,324
New Jersey.....	211	222	226	155.00	290.00	234.00	33,033	64,380	52,884
Pennsylvania.....	1,606	1,755	1,790	97.90	177.00	159.00	160,271	310,635	284,610
North Atlantic.....	5,144	5,295	5,387	105.00	194.00	168.00	545,589	1,027,674	905,488
Ohio.....	2,139	2,128	2,149	75.90	146.00	132.00	163,626	310,688	283,668
Indiana.....	1,796	1,743	1,760	75.30	145.00	131.00	136,536	252,735	230,560
Illinois.....	3,111	3,009	3,159	77.80	152.00	137.00	244,503	457,368	432,783
Michigan.....	1,874	1,858	1,914	80.90	164.00	144.00	153,081	304,712	275,616
Wisconsin.....	3,782	3,766	3,804	98.40	187.00	170.00	376,907	704,242	646,680
East North Central.....	12,702	12,504	12,786	83.70	162.00	146.00	1,074,653	2,029,745	1,869,307
Minnesota.....	3,587	3,244	3,276	75.10	157.00	140.00	268,369	509,308	458,640
Iowa.....	5,159	4,769	5,007	72.10	141.00	128.00	372,917	672,429	640,896
Missouri.....	3,024	2,959	3,107	64.10	128.00	118.00	196,424	378,752	366,626
North Dakota.....	1,616	1,558	1,542	67.60	143.00	132.00	111,832	222,794	203,544
South Dakota.....	2,176	2,556	2,479	67.50	139.00	126.00	154,261	355,284	312,354
Nebraska.....	3,565	3,877	3,920	65.80	135.00	124.00	241,960	523,395	486,080
Kansas.....	3,525	3,591	3,627	62.40	127.00	117.00	223,810	456,057	424,359
West North Central.....	22,651	22,554	22,958	68.20	138.00	126.00	1,569,574	3,118,019	2,892,499
North Central.....	35,353	35,058	35,744	73.70	147.00	133.00	2,644,227	5,147,764	4,761,806
Delaware.....	58	60	61	88.80	153.00	145.00	5,238	9,180	8,845
Maryland.....	373	428	449	86.50	160.00	151.00	33,119	68,480	67,799
Virginia.....	998	1,065	1,108	65.90	131.00	124.00	67,095	139,515	137,392
West Virginia.....	581	548	559	61.10	129.00	113.00	35,306	70,692	63,167
North Carolina.....	670	657	710	55.00	104.00	99.70	37,497	68,328	70,787
South Carolina.....	366	346	367	49.50	90.60	91.10	18,447	31,348	33,434
Georgia.....	1,068	1,099	1,220	40.10	80.60	83.30	43,893	88,579	101,626
Florida.....	1,059	1,265	1,392	37.80	74.20	71.60	42,109	93,863	99,667
South Atlantic.....	5,172	5,468	5,866	53.40	104.00	99.30	282,703	569,985	582,717
Kentucky.....	1,406	1,592	1,608	58.80	119.00	107.00	85,155	189,448	172,056
Tennessee.....	1,363	1,366	1,462	52.90	107.00	101.00	73,605	146,162	147,662
Alabama.....	1,182	1,198	1,330	40.60	82.50	80.40	49,405	98,835	106,932
Mississippi.....	1,489	1,522	1,674	37.90	80.90	78.30	58,009	123,130	131,074
Arkansas.....	1,209	1,089	1,209	42.00	94.80	86.90	50,601	103,237	105,062
Louisiana.....	1,364	1,332	1,439	39.60	84.30	86.30	55,328	112,288	124,186
Oklahoma.....	2,748	2,481	2,655	50.90	114.00	104.00	140,892	282,834	276,120
Texas.....	8,271	8,406	8,658	49.70	103.00	104.00	421,823	865,818	900,432
South Central.....	19,304	18,986	20,035	49.10	101.00	98.00	934,818	1,921,752	1,963,524
Montana.....	1,591	1,902	1,731	72.40	141.00	128.00	121,647	268,182	221,568
Idaho.....	875	939	939	68.00	137.00	124.00	61,115	128,643	116,436
Wyoming.....	954	1,011	1,001	67.00	131.00	124.00	65,845	132,441	124,124
Colorado.....	1,673	1,800	1,746	64.60	134.00	125.00	111,080	241,200	218,250
New Mexico.....	1,275	1,178	1,166	56.30	127.00	118.00	71,068	149,606	137,588
Arizona.....	918	849	849	59.10	118.00	111.00	54,327	100,182	94,239
Utah.....	510	549	560	67.00	138.00	128.00	35,282	75,762	71,680
Nevada.....	450	541	552	67.10	136.00	122.00	31,472	73,576	67,344
Washington.....	888	868	885	70.60	150.00	125.00	63,107	130,200	110,625
Oregon.....	1,059	1,118	1,107	64.30	137.00	110.00	68,823	153,166	121,770
California.....	2,704	2,736	2,709	77.50	158.00	139.00	214,475	432,288	376,551
Western.....	12,897	13,491	13,245	68.10	140.00	125.00	898,241	1,885,246	1,660,175
United States.....	77,600	78,298	80,277	67.10	135.00	123.00	5,305,578	10,552,421	9,873,710

<sup>1</sup> Preliminary. Bureau of Agricultural Economics.

TABLE 429.—Cattle: Number in specified countries, averages 1936-40 and 1941-45, annual 1946-49

Continent and country	Month of estimate <sup>1</sup>	Average		1946	1947	1948	1949 <sup>2</sup>
		1936-40	1941-45				
North America:		Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
Canada	Dec. 1 <sup>1</sup>	8,246	9,103	9,961	9,016	8,944	8,251
Costa Rica		366	415			506	515
El Salvador	July	680	714	650	686	765	
Guatemala	July	520	<sup>3</sup> 657			<sup>1</sup> 901	
Honduras	July	524	<sup>3</sup> 674	849	918	945	
Mexico	Dec. 31 <sup>1</sup>	<sup>3</sup> 11,716	<sup>3</sup> 11,959				1,000
Nicaragua		<sup>3</sup> 800				1,200	
United States	Jan. 1	66,706	79,978	82,434	81,207	78,126	78,298
Cuba	Dec. 31 <sup>1</sup>	5,024	<sup>2</sup> 4,823	<sup>2</sup> 4,136	4,100	4,000	4,000
Dominican Republic	June	<sup>3</sup> 885		597		550	550
Estimated total		96,700	111,800	116,100	114,500	112,100	111,500
Europe:							
Albania <sup>6</sup>		<sup>3</sup> 413		371			
Austria	Dec. 1 <sup>1</sup>	<sup>3</sup> 2,600	2,530	<sup>7</sup> 2,187	<sup>7</sup> 2,206	<sup>7</sup> 2,158	<sup>7</sup> 2,109
Belgium	Jan. 1	<sup>11</sup> 1,724	1,565	1,539	1,652	1,588	1,879
Bulgaria <sup>6</sup>	Dec. 31 <sup>1</sup>	<sup>3</sup> 1,822	1,988	1,900	2,005		
Czechoslovakia	Jan. 1	<sup>3</sup> 4,475	4,403	4,143	3,975	3,275	3,663
Denmark	Dec. 31 <sup>1</sup>	<sup>3</sup> 1,108	2,908	<sup>8</sup> 3,094	<sup>8</sup> 3,004	<sup>8</sup> 2,668	<sup>8</sup> 2,751
Finland	Mar. 1	<sup>9</sup> 1,850	1,682	1,673	1,566	1,452	1,542
France <sup>7</sup>	Fall <sup>1</sup>	15,504	15,217	14,273	15,100	15,125	15,434
Germany <sup>10</sup>	Dec. 1 <sup>1</sup>	<sup>3</sup> 16,030	15,513	<sup>7</sup> 13,600	<sup>7</sup> 14,600	<sup>7</sup> 13,100	<sup>7</sup> 13,500
Greece <sup>6</sup>	Dec. 31 <sup>1</sup>	<sup>11</sup> 1,278		708	788	752	732
Hungary <sup>6</sup>	Spring	1,905	2,038	<sup>7</sup> 1,104	<sup>7</sup> 1,441		
Ireland	June	4,021	4,165	4,146	3,950	3,921	4,127
Italy	July	<sup>11</sup> 8,200	7,700	7,600	7,800	8,000	8,300
Luxembourg	Dec. 1 <sup>1</sup>	<sup>3</sup> 108	<sup>3</sup> 118	111	117	114	111
Netherlands	May	2,693	2,325	2,410	2,367	2,313	2,540
Norway	June 20	1,390	1,245	1,267	1,225	1,175	1,222
Poland	June 30	<sup>11</sup> 9,924		6,600			
Portugal	Dec. 31 <sup>1</sup>	<sup>12</sup> 905	1,000	950		1,000	
Rumania <sup>6</sup>	Dec. 31 <sup>1</sup>	<sup>3</sup> 3,700		3,328	3,114		
Spain	Dec. 31 <sup>1</sup>	<sup>11</sup> 3,739	<sup>3</sup> 4,074	3,808		4,000	
Sweden	Summer	2,959	2,759	2,869	2,797	2,625	2,706
Switzerland	April	1,663	1,510	1,472	1,451	1,424	1,478
United Kingdom	June	8,798	9,278	9,629	9,567	9,806	10,229
Yugoslavia <sup>6</sup>	Dec. 31 <sup>1</sup>	4,181					
Estimated total		103,100	96,900	92,200	95,000	93,600	96,900
U. S. S. R. (Europe and Asia)	Jan. 1	<sup>11</sup> 59,800		47,000	46,800	50,000	54,000
Asia:							
Iran	March	<sup>3</sup> 2,797	<sup>2</sup> 2,135	2,500	2,500	2,500	2,500
Iraq <sup>6</sup>			<sup>11</sup> 890		993		952
Turkey <sup>6</sup>	Dec. 31 <sup>1</sup>	8,611	10,544	10,658	10,663	10,708	
Burma <sup>6</sup>	Dec. 31 <sup>1</sup>	6,165	<sup>3</sup> 5,143	4,627	4,796	5,207	
Ceylon <sup>6</sup>	Dec. 31 <sup>1</sup>	1,618	<sup>2</sup> 1,721	1,812	1,661	1,740	1,792
China <sup>13</sup>	May	25,000	23,500	23,200	23,600		
India <sup>6</sup>	Jan. 1	<sup>11</sup> 180,000	<sup>3</sup> 177,000				
Japan	Dec. 31 <sup>1</sup>	1,803	<sup>8</sup> 2,253	2,318	1,990		2,130
Formosa	Dec. 31 <sup>1</sup>	354	315	291	280	298	285
Korea—South	Dec. 31 <sup>1</sup>	<sup>3</sup> 922	965	639	609	645	684
Indonesia <sup>6</sup>	Dec. 31 <sup>1</sup>	7,669			6,290		
Pakistan <sup>6</sup>	Jan. 1	<sup>11</sup> 33,000	<sup>3</sup> 31,500			31,000	31,000
Philippine Islands <sup>6</sup>	Jan. 1	<sup>3</sup> 4,340					2,850
Siam <sup>6</sup>	Mar. 31	11,303			7,544		8,000
Estimated total <sup>14</sup>		295,300	286,100	279,200	282,500	281,800	284,600
South America:							
Argentina	July	<sup>3</sup> 33,762	<sup>3</sup> 33,073		<sup>15</sup> 41,268		
Bolivia	Dec. 31 <sup>1</sup>	<sup>3</sup> 1,921	<sup>11</sup> 2,445		3,039	3,191	
Brazil		<sup>3</sup> 40,807	<sup>3</sup> 43,950	46,358	46,000	46,000	46,250
Chile	June	2,489	2,363	2,397	2,338	2,324	2,344
Colombia	Dec. 31 <sup>1</sup>	8,010	<sup>3</sup> 11,012	13,000	13,797	13,893	14,200
Ecuador		<sup>3</sup> 1,300	<sup>3</sup> 1,704			1,520	
Paraguay	Dec. 31 <sup>1</sup>	<sup>3</sup> 3,259	<sup>3</sup> 3,808		4,100		4,087
Peru			<sup>3</sup> 2,376	2,662		<sup>1</sup> 2,662	
Uruguay	May	<sup>11</sup> 8,297	<sup>11</sup> 6,256	6,834			8,700
Estimated total		105,600	108,200	122,800	125,600	126,200	127,200

See footnotes at end of table.



TABLE 429.—Cattle: Number in specified countries, averages 1936-40 and 1941-45, annual 1946-49—Continued

Continent and country	Month of estimate <sup>1</sup>	Average		1946	1947	1948	1949 <sup>2</sup>
		1936-40	1941-45				
Africa:		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Algeria <sup>16</sup>	Nov. 1 <sup>1</sup>	841	874	843		901	717
Anglo-Egyptian Sudan		<sup>3</sup> 2,700	<sup>11</sup> 3,195		3,195		
Kenya		<sup>3</sup> 5,239	<sup>3</sup> 4,771	4,531	4,774		
Tanganyika	Dec. 31 <sup>1</sup>	5,000	5,687	6,082	6,420	6,370	
Uganda	Mar. 31	2,466	2,422		2,454	2,485	
Egypt <sup>6</sup>	June	<sup>3</sup> <sup>4</sup> 2,021	<sup>3</sup> 2,145				
French Morocco <sup>16</sup>	Dec. 31 <sup>1</sup>	1,970	2,506	1,800	1,395	1,326	1,549
Madagascar <sup>16</sup>	Dec. 31 <sup>1</sup>	5,172	5,780	5,941	5,806	5,737	5,603
Mozambique	Dec. 31 <sup>1</sup>	548	559	585	587	631	659
Northern Rhodesia	Dec. 31 <sup>1</sup>	618	647	697	699	770	807
Angola		<sup>11</sup> 2,306	<sup>11</sup> 2,687				
Southern Rhodesia	Dec. 31 <sup>1</sup>	2,340	2,669	2,913	2,905	2,748	2,822
Spanish Morocco		259	310	223	234		
Tunisia <sup>16</sup>	Dec. 31 <sup>1</sup>	494	521	401	370	340	
Union of South Africa	August	11,636	<sup>11</sup> 13,068	12,593	12,113	12,470	
Estimated total		64,400	70,400	70,600	69,300	70,700	70,700
Oceania:							
Australia	Mar. 31	<sup>1</sup> 13,285	13,828	13,878	13,427	13,785	14,121
New Zealand	Jan. 31	4,449	4,524	4,667	4,634	4,716	4,723
Estimated total		18,100	18,800	18,900	18,500	18,900	19,200
Estimated world total		743,000	737,200	746,800	752,200	753,300	764,100

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the Dec. 1, 1945 estimate of 9,961,000 head is shown under 1946.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for 2 to 4 years only.

<sup>4</sup> June.

<sup>5</sup> Census, July 1, 1946.

<sup>6</sup> Data include buffaloes.

<sup>7</sup> Official statistics; may be an underestimate of actual numbers.

<sup>8</sup> Also includes number of cattle in towns, which totaled 50,000 head in 1947.

<sup>9</sup> September.

<sup>10</sup> Totals for 4 zones of occupation.

<sup>11</sup> Census or estimate for single year.

<sup>12</sup> Census Dec. 31, 1934.

<sup>13</sup> Includes China proper (22 provinces) Manchuria, Jehol and Sinkiang (Turkestan).

<sup>14</sup> Includes estimates for Outer Mongolia.

<sup>15</sup> Census, May 10-12, 1947.

<sup>16</sup> Data include only number taxed.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States Foreign Service reports, and other information. Data for countries having changed boundaries relate to present territory, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 430.—*Cattle: Number on farms, by classes, United States, Jan. 1, 1930–50*

Year	Kept for milk				Other cattle					
	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Heifer calves	Total	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Calves	Steers	Bulls	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930.....	23,032	4,851	5,199	33,082	9,162	2,799	8,885	5,608	1,467	27,921
1931.....	23,820	4,962	5,189	33,971	9,809	3,015	8,915	5,798	1,522	29,059
1932.....	24,896	5,020	5,449	35,365	10,439	3,113	9,744	5,560	1,580	30,436
1933.....	25,936	5,250	5,674	36,860	11,346	3,414	11,241	5,765	1,654	33,420
1934.....	26,931	5,382	5,675	37,988	12,678	3,656	12,226	6,069	1,752	36,381
1935.....	26,082	4,995	5,280	36,357	11,151	3,362	10,980	5,323	1,673	32,489
1936.....	25,196	4,772	5,484	35,452	11,048	3,493	10,574	5,637	1,643	32,395
1937.....	24,649	4,899	5,305	34,853	10,682	3,229	10,395	5,325	1,614	31,245
1938.....	24,466	4,808	5,500	34,774	10,132	3,136	10,053	5,555	1,599	30,475
1939.....	24,600	5,122	5,904	35,626	9,987	3,058	10,572	5,192	1,594	30,403
1940.....	24,940	5,525	5,967	36,432	10,676	3,357	10,936	5,283	1,625	31,877
1941.....	25,453	5,676	6,254	37,383	11,366	3,789	11,413	6,119	1,685	34,372
1942.....	26,313	5,889	6,635	38,837	12,578	4,055	12,219	6,596	1,740	37,188
1943.....	27,138	6,067	7,035	40,240	13,980	4,547	13,239	7,361	1,837	40,964
1944.....	27,704	6,352	7,201	41,257	15,521	4,971	13,768	7,849	1,968	44,077
1945.....	27,770	6,307	6,772	40,849	16,456	5,069	12,871	8,329	1,999	44,724
1946.....	26,695	5,803	6,595	39,093	16,319	4,854	12,565	7,715	1,888	43,341
1947.....	26,098	5,602	6,768	38,468	16,469	4,664	12,595	7,164	1,847	42,739
1948.....	25,039	5,649	6,487	37,175	16,000	4,541	11,890	6,743	1,777	40,961
1949.....	24,416	5,496	6,616	36,528	15,982	4,689	11,986	7,395	1,718	41,770
1950.....	24,625	5,610	7,030	37,265	16,786	4,863	12,593	7,027	1,743	43,012

<sup>1</sup> Preliminary.Bureau of Agricultural Economics. Data for 1920–29 in *Agricultural Statistics*, 1942, table 486.TABLE 431.—*Purebred beef and dual-purpose cattle: Number of new registrations each year, as reported by breed associations, United States, 1940–49*

Year	Aberdeen-Angus	Devon	Hereford	Polled Hereford	Red Poll	Short-horn <sup>1</sup>	Brahman
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1940.....	40,778	285	191,405	10,848	2,076	41,431	4,409
1941.....	38,737	336	207,517	15,244	2,724	50,120	4,132
1942.....	46,820	338	250,527	17,372	2,522	54,471	( <sup>2</sup> )
1943.....	52,432	398	288,675	17,034	3,155	52,845	8,536
1944.....	57,717	443	298,421	18,881	4,267	60,504	7,054
1945.....	66,020	401	316,081	31,863	3,958	63,988	10,954
1946.....	71,968	397	336,193	24,200	4,088	69,418	10,623
1947.....	<sup>3</sup> 81,992	403	356,530	33,000	4,366	80,853	14,928
1948.....	84,548	365	352,888	37,121	4,296	58,538	15,145
1949.....	87,722	-----	370,015	37,179	4,689	73,986	17,220

<sup>1</sup> Includes the beef, milking, and polled types of Shorthorns.<sup>2</sup> No report of registrations was received for this year.<sup>3</sup> Fiscal year—October 1, 1946 to September 30, 1947.

Bureau of Animal Industry. In addition to the registrations for 1949 listed in this table, the following new registrations for 1949 were reported: Pan American Zebu Association, 2,009; American Galloway Breeders Association, 454; American Scotch Highland Breeders Association, 165; and American Brangus Breeders Association, Inc., 6,000.

TABLE 432.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1930-49

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1930.....	25,087	1,203	1,944	15,232	8,662	5,145	487	677
1931.....	26,056	1,328	1,915	15,021	8,475	4,729	520	755
1932.....	27,568	1,349	1,991	14,569	8,170	4,499	717	792
1933.....	28,935	1,372	2,040	15,928	8,852	4,978	790	842
1934 <sup>4</sup> .....	30,240	1,437	2,157	23,325	11,450	4,419	828	985
1935 <sup>4</sup> .....	27,473	1,561	2,268	19,041	9,363	5,259	632	866
1936.....	28,201	1,349	2,070	19,991	10,029	4,990	613	888
1937.....	28,033	1,405	2,081	18,854	10,298	5,111	570	785
1938.....	27,787	1,308	1,928	18,552	9,560	5,635	569	725
1939.....	28,879	1,298	1,935	18,380	10,076	6,416	571	755
1940.....	29,886	1,397	1,992	18,413	10,365	7,026	571	728
1941.....	31,868	1,461	2,118	18,948	11,001	7,185	571	684
1942.....	34,388	1,560	2,349	20,740	11,787	8,514	646	641
1943.....	34,797	1,734	2,560	21,310	11,177	7,442	708	620
1944.....	37,040	1,734	2,772	23,627	14,323	7,233	854	724
1945.....	35,176	1,644	2,680	27,391	13,197	8,254	916	741
1946.....	34,550	1,566	2,543	26,188	12,656	8,877	943	758
1947.....	35,234	1,473	2,469	26,995	14,117	8,281	860	682
1948.....	33,708	1,405	2,292	23,370	12,722	7,620	800	561
1949 <sup>5</sup> .....	34,537	1,532	2,378	23,103	12,434	8,182	776	517

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production <sup>7</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>7</sup>	Cost of cattle shipped in for feeding and breeding <sup>3</sup>	Average price per 100 pounds received by farmers	
							Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1930.....	13,263,048	1,031,910	1,183,573	30,764	1,204,337	273,322	7.71	9.68
1931.....	13,385,509	744,916	837,719	16,056	853,775	180,775	5.53	6.95
1932.....	14,232,264	597,193	620,561	14,917	635,478	141,573	4.25	4.95
1933.....	15,404,848	575,507	599,485	14,059	613,544	133,159	3.75	4.64
1934 <sup>4</sup> .....	14,637,806	554,749	812,823	14,779	827,602	114,636	4.13	4.92
1935 <sup>4</sup> .....	13,650,546	839,405	1,062,426	21,219	1,083,645	221,225	6.04	7.16
1936.....	14,437,789	856,653	1,113,564	20,308	1,133,872	187,697	5.82	7.20
1937.....	13,745,695	974,199	1,238,924	22,411	1,261,335	233,974	7.00	8.10
1938.....	14,046,970	931,675	1,162,422	21,142	1,183,564	267,583	6.54	7.90
1939.....	15,177,210	1,092,268	1,289,566	22,791	1,312,357	350,290	7.14	8.40
1940.....	15,702,110	1,194,608	1,375,631	24,388	1,400,019	401,821	7.56	8.83
1941.....	17,029,460	1,512,498	1,704,587	27,708	1,732,295	483,871	8.82	10.30
1942.....	18,567,995	1,997,831	2,262,549	37,130	2,299,679	671,182	10.70	12.30
1943.....	19,159,375	2,283,943	2,562,452	43,957	2,606,409	640,989	11.90	13.30
1944.....	19,708,295	2,164,836	2,604,481	47,783	2,652,264	564,830	10.80	12.40
1945.....	19,345,320	2,352,916	3,289,932	56,311	3,346,243	709,074	12.10	13.10
1946.....	18,781,924	2,735,993	3,722,141	71,290	3,793,431	906,512	14.50	15.30
1947.....	19,054,920	3,557,322	4,931,718	84,839	5,016,557	1,093,703	18.50	20.40
1948.....	18,370,760	4,114,521	5,230,963	94,562	5,325,525	1,297,049	22.20	24.40
1949 <sup>5</sup> .....	19,410,068	3,891,749	4,814,324	81,736	4,896,060	1,135,124	19.80	22.70

<sup>1</sup> Calves born during the year.<sup>2</sup> Excludes interfarm sales.<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes intrastate shipments.<sup>4</sup> Includes Government purchases.<sup>5</sup> Preliminary.<sup>6</sup> Adjustments were made for cattle shipped in and changes in inventory.<sup>7</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics. Data for 1924-29 (for most items shown) in Agricultural Statistics, 1942, table 491.

TABLE 433.—Cattle and calves: Production, disposition, cash receipts, and gross income by States, 1948

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding <sup>2</sup>	Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>4</sup>	Cost of cattle shipped in for feeding and breeding <sup>1</sup>
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	39	58	6	7	6	35,005	6,987	9,074	22.9	9,294	1,171
New Hampshire.....	21	30	3	3	3	35,100	3,853	4,702	101	4,803	1,583
Vermont.....	75	149	26	5	4	59,090	10,591	13,825	212	14,037	5,074
Massachusetts.....	54	71	31	3	2	28,530	5,292	10,715	215	10,930	6,124
Rhode Island.....	7	12	5	1	1	3,270	617	1,501	56	1,557	979
Connecticut.....	41	61	19	3	3	28,635	5,513	8,914	182	9,096	3,722
New York.....	262	700	24	29	19	361,800	76,539	74,376	2,277	76,653	4,811
New Jersey.....	44	83	25	2	2	38,245	8,640	12,540	159	12,699	5,019
Pennsylvania.....	311	449	120	40	34	319,225	78,436	93,213	3,725	96,938	22,162
North Atlantic.....	854	1,613	259	93	74	893,900	196,468	228,860	7,147	236,007	49,645
Ohio.....	498	434	101	50	17	465,535	111,822	129,898	5,724	135,622	19,420
Indiana.....	548	362	201	41	14	457,100	110,895	143,068	4,993	148,061	34,534
Illinois.....	1,335	420	685	52	21	856,085	211,865	337,470	5,952	343,422	127,581
Michigan.....	338	430	36	35	27	382,480	87,433	90,315	2,891	93,206	6,900
Wisconsin.....	574	1,471	40	45	27	736,045	152,568	164,984	2,648	167,632	4,502
East North Central.....	3,293	3,117	1,063	223	106	2,897,245	674,583	865,735	22,208	887,943	192,937
Minnesota.....	823	656	176	49	27	788,065	173,537	196,174	7,293	203,467	26,904
Iowa.....	1,983	351	1,022	64	19	1,371,125	337,680	492,004	11,336	503,340	179,821
Missouri.....	1,136	556	458	21	25	821,480	192,419	266,380	2,962	269,342	76,614
North Dakota.....	475	161	41	24	12	432,240	89,888	96,447	3,447	99,894	6,496
South Dakota.....	859	60	184	19	7	696,450	158,946	175,095	3,227	178,322	29,528
Nebraska.....	1,479	140	575	41	12	1,074,860	260,812	336,094	7,437	343,531	101,832
Kansas.....	1,367	160	707	35	23	1,026,800	232,083	294,032	5,715	299,747	114,789
West North Central.....	8,122	2,084	3,163	253	125	6,211,020	1,445,365	1,856,226	41,417	1,897,643	535,984
North Central.....	11,415	5,201	4,226	476	231	9,108,265	2,119,948	2,721,961	63,625	2,785,586	728,921
Delaware.....	9	18	1	2	1	11,480	2,742	3,001	128	3,129	184
Maryland.....	66	120	20	4	3	74,740	18,036	19,532	326	19,858	3,305
Virginia.....	161	253	20	8	6	192,955	46,440	46,615	752	46,367	2,928
West Virginia.....	86	135	1	6	3	104,660	25,031	24,142	412	24,554	149
North Carolina.....	116	163	2	7	9	108,370	20,909	22,730	424	23,154	340
South Carolina.....	88	55	1	3	5	57,820	11,417	13,963	150	14,113	170
Georgia.....	266	110	1	7	5	174,410	32,999	37,582	225	37,807	102
Florida.....	226	150	19	15	4	168,735	28,054	30,753	302	31,055	2,868
South Atlantic.....	1,018	1,004	65	52	36	893,170	185,628	197,318	2,719	200,037	10,046

Kentucky.....	582	278	260	9	4	408,675	95,560	131,386	710	132,096	41,725
Tennessee.....	353	320	57	3	4	291,680	59,613	72,123	256	72,379	8,837
Alabama.....	310	154	2	4	5	214,910	40,181	44,259	217	44,476	194
Mississippi.....	336	222	6	3	6	241,860	46,338	50,703	201	50,904	675
Arkansas.....	289	208	87	5	7	226,385	47,288	54,208	286	54,494	10,149
Louisiana.....	262	275	24	4	10	196,945	39,669	43,903	415	44,318	2,727
Oklahoma.....	928	411	310	16	20	681,715	145,457	191,636	1,926	193,562	47,876
Texas.....	2,403	1,358	463	10	35	1,744,200	363,676	451,689	2,062	453,751	79,520
South Central.....	5,463	3,226	1,209	54	91	4,006,370	837,782	1,039,907	6,073	1,045,980	191,703
Montana.....	597	106	104	11	8	551,490	118,067	125,523	1,531	127,054	18,699
Idaho.....	255	96	69	17	11	245,600	54,553	61,986	1,123	63,109	11,234
Wyoming.....	379	72	61	7	4	303,370	64,649	75,317	1,137	76,454	9,266
Colorado.....	850	154	410	13	9	499,495	118,435	195,033	1,625	196,658	80,003
New Mexico.....	479	172	260	8	7	263,255	57,623	86,267	1,248	87,515	38,527
Arizona.....	311	116	141	10	8	171,890	36,723	56,544	1,561	58,105	20,219
Utah.....	130	70	23	6	5	128,900	29,112	31,582	702	32,284	4,024
Nevada.....	112	83	16	2	3	129,030	30,451	30,981	405	31,386	2,799
Washington.....	186	112	31	17	18	193,635	43,721	48,300	1,234	49,534	5,800
Oregon.....	231	87	64	14	17	263,815	54,831	53,425	822	54,247	11,151
California.....	1,090	616	682	20	39	718,675	166,530	277,959	3,610	281,569	115,012
Western.....	4,620	1,684	1,861	125	129	3,469,055	774,695	1,042,917	14,998	1,057,915	316,734
United States.....	23,370	12,728	7,620	800	561	18,370,760	4,114,521	5,230,963	94,562	5,325,525	1,297,049

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes cattle shipped in from other States and from central markets but excludes intrastate shipments.

<sup>3</sup> Adjustments were made for cattle shipped in and changes in inventory.

<sup>4</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 434.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1949 (preliminary)

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding <sup>2</sup>	Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>4</sup>	Cost of cattle shipped in for feeding and breeding <sup>1 2</sup>
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	34	51	4	5	6	35,563	6,427	7,023	153	7,176	679
New Hampshire.....	20	29	2	2	2	21,010	3,655	3,999	59	4,058	338
Vermont.....	62	143	6	5	4	58,343	9,505	10,528	198	10,726	1,018
Massachusetts.....	42	63	24	3	2	28,530	4,870	7,903	193	8,096	4,123
Rhode Island.....	6	12	5	1	1	3,480	621	1,262	51	1,313	851
Connecticut.....	34	59	16	2	2	31,245	5,528	7,104	111	7,215	2,722
New York.....	263	703	21	28	22	375,960	70,102	67,015	1,960	68,975	3,673
New Jersey.....	38	83	21	2	2	35,945	7,308	9,973	144	10,117	3,669
Pennsylvania.....	324	470	118	40	32	337,170	74,307	87,570	3,242	90,812	18,887
North Atlantic.....	823	1,613	217	88	73	927,246	182,323	202,377	6,111	208,488	35,960
Ohio.....	485	419	113	48	14	479,415	105,440	118,636	4,989	123,625	18,814
Indiana.....	593	303	245	40	16	472,300	102,013	135,410	4,526	139,936	35,456
Illinois.....	1,442	361	954	52	15	876,425	189,154	322,250	5,075	327,325	153,832
Michigan.....	341	407	56	34	24	403,930	82,801	81,890	2,589	84,479	6,836
Wisconsin.....	537	1,401	51	42	23	754,715	144,583	145,669	2,246	147,915	6,330
East North Central.....	3,398	2,891	1,419	216	92	2,986,785	623,991	803,855	19,425	823,280	221,268
Minnesota.....	975	629	322	46	23	880,425	175,510	208,999	6,082	215,081	42,400
Iowa.....	2,342	329	1,517	67	13	1,542,025	336,872	524,287	9,875	534,162	221,573
Missouri.....	1,053	551	486	18	22	894,644	188,655	235,254	2,378	237,632	69,751
North Dakota.....	416	201	18	22	15	430,730	78,336	78,735	3,054	81,769	2,430
South Dakota.....	946	178	176	18	6	759,975	152,389	180,928	2,709	183,637	24,116
Nebraska.....	1,561	109	635	41	13	1,044,786	223,990	314,555	6,855	321,410	94,678
Kansas.....	1,649	162	699	30	23	1,162,805	233,722	322,808	4,654	327,462	101,285
West North Central.....	8,942	2,159	3,853	242	115	6,715,390	1,389,474	1,865,566	35,587	1,901,153	555,873
North Central.....	12,340	5,050	5,272	458	207	9,702,175	2,013,465	2,669,421	55,012	2,724,433	777,141
Delaware.....	7	17	1	2	2	10,635	2,328	2,387	130	2,517	155
Maryland.....	63	121	21	4	3	81,475	17,782	17,912	291	18,203	2,934
Virginia.....	148	268	20	10	6	213,550	46,812	42,743	838	43,581	2,475
West Virginia.....	82	134	2	6	3	106,480	22,508	21,245	359	21,604	252
North Carolina.....	86	138	5	6	7	116,460	21,090	17,860	340	18,200	714
South Carolina.....	60	42	1	2	5	58,360	10,619	9,574	116	9,690	143
Georgia.....	141	117	1	8	6	179,165	31,534	22,753	256	23,009	85
Florida.....	143	128	32	16	5	163,320	26,389	21,985	310	22,295	4,018
South Atlantic.....	730	965	83	54	37	929,445	179,062	156,459	2,640	159,099	10,776

Kentucky.....	501	255	171	8	3	388,150	81,101	103,312	565	103,877	23,431
Tennessee.....	292	303	92	3	4	303,155	57,217	59,086	247	59,333	12,110
Alabama.....	192	124	3	3	5	215,080	38,446	29,705	188	29,893	245
Mississippi.....	198	268	9	3	6	261,625	46,969	37,695	194	37,889	855
Arkansas.....	232	191	83	4	7	227,335	43,304	41,225	238	41,463	8,217
Louisiana.....	198	265	23	9	8	224,220	42,474	36,810	543	37,353	2,208
Oklahoma.....	775	441	321	13	16	712,015	134,433	151,172	1,421	152,593	41,630
Texas.....	2,183	1,189	311	13	31	1,989,055	381,508	399,840	1,891	401,731	44,717
South Central.....	4,571	3,036	1,013	56	80	4,320,635	825,452	858,845	5,287	864,132	133,413
Montana.....	652	255	43	11	7	550,045	103,573	124,183	1,286	125,469	6,440
Idaho.....	247	72	43	17	12	236,185	45,889	52,265	1,004	53,269	5,805
Wyoming.....	322	22	50	8	3	242,710	47,617	55,503	1,118	56,621	6,304
Colorado.....	868	138	392	13	8	507,180	107,451	179,905	1,470	181,375	63,698
New Mexico.....	483	168	189	6	8	285,955	56,578	79,703	1,041	80,744	23,131
Arizona.....	249	137	112	10	7	177,150	36,007	46,959	1,434	48,393	13,261
Utah.....	126	84	30	4	3	128,100	25,127	27,024	398	27,422	4,354
Nevada.....	108	87	14	2	2	125,440	24,870	25,030	299	25,329	2,032
Washington.....	215	135	67	17	16	211,490	39,525	45,747	994	46,741	10,405
Oregon.....	300	125	40	14	16	297,480	52,497	58,894	696	59,590	5,777
California.....	1,069	547	617	18	38	768,832	152,313	232,009	2,946	234,955	86,627
Western.....	4,639	1,770	1,597	120	120	3,530,567	691,447	927,222	12,686	939,908	227,834
United States.....	23,103	12,434	8,182	776	517	19,410,068	3,891,749	4,814,324	81,736	4,896,060	1,185,124

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes cattle shipped in from other States and from central markets.

<sup>3</sup> Adjustments were made for cattle shipped in and changes in inventory, but excludes intrastate shipments.

<sup>4</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

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TABLE 435.—*Cattle and calves: Number on feed, North Central States and United States, Jan. 1, 1930-50*<sup>1</sup>

Year	East North Central States	West North Central States	Total North Central States	United States <sup>2</sup>	Year	East North Central States	West North Central States	Total North Central States	United States <sup>2</sup>
	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands	Thou-sands
1930.....	619	1,964	2,583	3,113	1941.....	1,002	2,148	3,150	4,065
1931.....	568	1,930	2,498	3,025	1942.....	961	2,293	3,254	4,185
1932.....	618	1,739	2,357	2,878	1943.....	993	2,540	3,533	4,445
1933.....	687	1,918	2,605	3,080	1944.....	905	2,319	3,224	4,015
1934.....	593	1,818	2,411	2,890	1945.....	907	2,662	3,569	4,411
1935.....	579	1,229	1,808	2,215	1946.....	888	2,448	3,336	4,211
1936.....	750	1,770	2,520	3,202	1947.....	961	2,456	3,417	4,307
1937.....	740	1,280	2,020	2,759	1948.....	850	1,994	2,844	3,821
1938.....	840	1,651	2,491	3,336	1949.....	939	2,466	3,405	4,530
1939.....	855	1,696	2,551	3,303	1950 <sup>3</sup> .....	1,045	2,543	3,588	4,552
1940.....	944	1,852	2,796	3,633					

<sup>1</sup> Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and exclude small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade Commercial or better. In addition there have been a number of cattle finished on distillery slop, mostly in Kentucky, and on byproduct feeds in other States not shown, as well as large numbers being winter-fed in West Virginia, Virginia, Kentucky, and some other States, to be marketed as "grass fat" cattle in the late summer.

<sup>2</sup> Includes cattle and calves on feed in Pennsylvania and in 13 Western States.

<sup>3</sup> Preliminary.

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TABLE 436.—*Cattle and calves: Number on feed, North Central States and United States, Jan. 1, average 1939-48, annual 1949 and 1950*<sup>1</sup>

State and division	Average 1939-48	1949	1950 <sup>2</sup>	State and division	Average 1939-48	1949	1950 <sup>2</sup>
	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands
Pennsylvania.....	78	88	88	Oklahoma.....	55	70	55
Ohio.....	121	120	130	Texas.....	147	144	161
Indiana.....	166	181	195	Montana.....	34	38	20
Illinois.....	478	475	532	Idaho.....	53	95	78
Michigan.....	88	83	95	Wyoming.....	17	18	15
Wisconsin.....	73	80	93	Colorado.....	154	192	180
East North Central.....	926	939	1,045	New Mexico.....	17	33	17
Minnesota.....	275	300	294	Arizona.....	55	62	59
Iowa.....	905	901	1,020	Utah.....	37	45	34
Missouri.....	280	300	315	Nevada.....	23	26	18
North Dakota.....	62	58	61	Washington.....	24	24	16
South Dakota.....	137	177	195	Oregon.....	26	32	27
Nebraska.....	339	450	420	California.....	152	258	196
Kansas.....	243	280	238	Western.....	794	1,037	876
West North Central.....	2,241	2,466	2,543	United States.....	4,039	4,530	4,552
North Central.....	3,167	3,405	3,588				

<sup>1</sup> Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and exclude small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade Commercial or better. In addition there have been a number of cattle finished on distillery slop, mostly in Kentucky, and on byproduct feeds in other States not shown, as well as large numbers being winter-fed in West Virginia, Virginia, Kentucky, and some other States, to be marketed as "grass fat" cattle in the late summer.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 437.—Cattle and calves: Receipts at 64 public stockyards, 1940-49

TOTAL RECEIPTS, CATTLE<sup>1</sup>

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 64 markets report- ing <sup>2</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1940.....	1,926	466	524	1,324	1,206	881	340	942	735	8,343	5,734	14,077
1941.....	2,035	495	591	1,382	1,305	874	410	1,060	873	9,025	6,203	15,228
1942.....	2,182	613	862	1,887	1,474	1,046	472	1,162	1,006	10,702	7,277	17,979
1943.....	2,143	690	879	2,137	1,615	1,066	504	985	1,162	11,181	7,009	18,190
1944.....	2,340	765	1,046	1,979	1,680	1,220	573	1,175	1,242	12,019	8,494	20,513
1945.....	2,391	793	1,019	2,094	1,859	1,317	561	1,138	1,444	12,617	9,555	22,172
1946.....	1,960	820	873	1,894	1,735	1,250	501	1,009	1,448	10,489	10,789	21,278
1947.....	2,089	898	968	1,956	1,910	1,304	682	1,216	1,463	12,486	9,617	22,103
1948.....	1,694	849	786	1,543	1,521	991	573	959	1,132	10,048	8,625	18,673
1949.....	1,850	838	578	1,673	1,692	940	620	1,172	1,332	10,695	8,133	18,828

TOTAL RECEIPTS, CALVES<sup>1</sup>

Year												
1940.....	271	117	377	276	120	435	58	465	62	2,182	4,100	6,282
1941.....	244	107	372	233	101	434	50	471	58	2,070	4,058	6,128
1942.....	248	112	420	278	89	505	54	503	66	2,275	4,406	6,681
1943.....	217	94	376	268	84	416	67	438	48	2,007	3,687	5,694
1944.....	287	127	482	387	144	529	118	572	87	2,733	4,556	7,289
1945.....	230	129	524	338	111	529	116	518	84	2,738	4,492	7,070
1946.....	194	132	481	361	111	538	95	503	99	2,514	4,304	6,818
1947.....	271	133	446	313	105	557	121	626	67	2,640	4,819	7,459
1948.....	188	112	329	222	107	435	99	490	73	2,056	4,221	6,277
1949.....	164	123	245	221	119	388	78	544	118	2,000	3,741	5,741

## TRUCK RECEIPTS, CATTLE

Year												
1940.....	1,030	172	463	526	888	671	254	651	587	5,242	3,999	9,241
1941.....	1,170	187	531	635	1,017	686	306	737	715	5,984	4,507	10,491
1942.....	1,234	218	730	685	1,091	726	336	804	760	6,584	4,897	11,481
1943.....	1,153	220	647	658	1,157	686	322	680	879	6,403	4,207	10,610
1944.....	1,128	289	831	728	1,170	798	366	745	838	6,894	5,251	12,145
1945.....	1,214	296	755	780	1,409	760	386	746	1,056	7,401	5,478	12,879
1946.....	1,162	356	686	744	1,337	616	365	663	1,083	5,930	6,241	12,171
1947.....	1,411	452	800	829	1,511	874	492	915	1,145	8,428	6,271	14,699
1948.....	1,206	509	638	731	1,141	717	418	674	879	6,912	5,916	12,828
1949.....	1,460	559	491	847	1,336	682	479	856	1,040	7,750	5,753	13,503

## TRUCK RECEIPTS, CALVES

Year												
1940.....	132	52	303	126	70	267	53	403	33	1,439	2,594	4,033
1941.....	138	51	315	123	50	279	46	417	27	1,446	2,686	4,132
1942.....	142	49	323	122	41	280	47	444	23	1,471	2,805	4,277
1943.....	132	39	311	113	38	259	51	391	19	1,354	2,337	3,691
1944.....	146	69	410	193	74	331	87	502	31	1,843	3,015	4,858
1945.....	122	58	422	166	63	295	91	458	21	1,696	2,899	4,595
1946.....	106	59	400	157	54	303	78	448	26	1,631	2,616	4,247
1947.....	145	65	401	175	68	341	103	572	25	1,894	3,290	5,184
1948.....	116	59	293	129	66	296	93	457	27	1,536	3,019	4,555
1949.....	122	57	221	135	72	303	71	498	40	1,519	2,771	4,290

<sup>1</sup> Total rail and truck receipts, unloaded at public stockyards.<sup>2</sup> Rounded totals of the complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-39 in Agricultural Statistics, 1941, table 466.

TABLE 438.—Feeder cattle: Inspected shipments from public stockyards, 1942-49

Origin and destination	1942	1943	1944	1945	1946	1947	1948	1949
Market origin:	Head	Head	Head	Head	Head	Head	Head	Head
Baltimore, Md.	12, 230	11, 698	14, 917	17, 809	20, 866	19, 577	23, 256	25, 134
Chicago, Ill.	115, 400	108, 238	99, 373	105, 473	130, 913	81, 024	89, 293	91, 503
Cincinnati, Ohio	10, 598	12, 254	11, 559	9, 484	14, 276	13, 551	11, 101	12, 244
Clovis, New Mex.							55, 685	78, 966
Denver, Colo.	261, 846	308, 098	265, 377	303, 715	364, 046	368, 511	355, 045	345, 883
Detroit, Mich.	14, 578	19, 304	14, 548	14, 616	11, 880	11, 189	10, 623	13, 454
Fort Worth, Tex.	181, 704	163, 297	143, 635	199, 065	203, 202	147, 539	136, 455	95, 334
Indianapolis, Ind.	39, 315	38, 066	33, 709	34, 599	45, 330	45, 378	38, 509	43, 893
Kansas City, Kans.	616, 917	669, 681	493, 016	490, 815	524, 594	483, 543	462, 285	567, 366
Lancaster, Pa.	81, 832	87, 493	57, 529	104, 396	110, 458	88, 754	82, 482	83, 557
Los Angeles, Calif.	46, 259	54, 615	63, 892	79, 216	64, 802	81, 601	94, 254	83, 228
Louisville, Ky.	85, 079	62, 042	47, 188	61, 936	73, 918	70, 002	49, 404	46, 198
Nashville, Tenn.	20, 046	18, 039	9, 287	10, 739	9, 262	10, 576	12, 382	11, 458
Ogden, Utah	53, 112	59, 203	72, 688	125, 803	145, 248	136, 510	131, 100	102, 843
Oklahoma City, Okla.	222, 285	204, 938	126, 807	151, 925	211, 136	203, 800	230, 161	220, 619
Omaha, Nebr.	379, 995	398, 178	382, 065	357, 246	444, 131	378, 687	403, 745	448, 466
St. Louis <sup>1</sup>	190, 466	165, 284	135, 284	139, 429	199, 653	159, 099	134, 725	154, 625
San Antonio, Tex.	194, 907	177, 511	167, 074	204, 784	261, 537	269, 887	291, 815	236, 091
Sioux City, Iowa	304, 640	306, 772	352, 156	383, 788	429, 038	352, 687	377, 603	513, 859
Sioux Falls, S. Dak.	70, 680	80, 557	80, 071	79, 068	77, 447	83, 525	76, 096	89, 917
South St. Joseph, Mo.	72, 799	67, 599	50, 264	51, 748	61, 982	69, 415	60, 702	81, 607
South St. Paul, Minn.	187, 175	170, 105	177, 783	186, 959	210, 613	158, 304	135, 011	184, 676
Wichita, Kans.	215, 109	191, 967	158, 727	173, 516	155, 208	153, 401	148, 979	143, 909
All other inspected <sup>2</sup>	248, 570	247, 792	222, 340	246, 668	330, 765	279, 111	345, 457	510, 844
Total <sup>2</sup>	3, 625, 452	3, 622, 731	3, 179, 289	3, 532, 797	4, 100, 305	3, 655, 671	3, 746, 165	4, 185, 674
State destination:								
Pennsylvania	98, 583	108, 224	70, 720	120, 926	130, 119	104, 896	112, 233	109, 727
Ohio	92, 585	108, 614	73, 136	96, 086	110, 790	82, 788	67, 133	87, 981
Indiana	143, 883	123, 614	95, 637	131, 419	164, 865	131, 025	119, 443	136, 385
Illinois	482, 021	429, 180	419, 310	432, 578	538, 896	440, 271	416, 560	520, 089
Michigan	39, 143	56, 562	28, 193	31, 783	42, 497	27, 731	35, 824	42, 511
Wisconsin	12, 869	16, 480	15, 815	19, 835	19, 067	14, 988	14, 252	17, 267
Minnesota	99, 516	90, 019	67, 723	79, 157	83, 727	75, 513	83, 727	102, 817
Iowa	735, 290	725, 404	720, 934	617, 491	718, 605	554, 348	576, 574	808, 382
Missouri	239, 247	245, 092	167, 985	179, 529	254, 015	234, 349	227, 118	281, 483
South Dakota	54, 166	86, 214	71, 093	99, 341	91, 032	92, 970	82, 276	90, 592
Nebraska	278, 015	286, 366	285, 209	330, 547	357, 952	344, 918	314, 663	344, 866
Kansas	472, 461	369, 392	330, 240	330, 580	322, 130	288, 232	379, 280	304, 798
Maryland	14, 049	12, 449	12, 817	20, 710	24, 555	19, 154	17, 062	18, 050
Virginia	15, 212	21, 311	9, 273	17, 144	25, 449	14, 376	15, 181	11, 681
Kentucky	120, 436	93, 641	76, 221	105, 313	126, 461	111, 886	78, 840	85, 730
Tennessee	34, 437	28, 966	21, 939	30, 928	37, 784	31, 464	27, 081	49, 830
Louisiana	11, 402	20, 762	21, 458	42, 869	48, 529	32, 194	23, 154	21, 630
Oklahoma	187, 015	146, 470	125, 472	116, 097	137, 888	161, 033	167, 704	209, 506
Texas	130, 100	146, 913	126, 464	146, 109	202, 530	198, 973	263, 590	267, 820
Montana	7, 816	21, 003	13, 285	18, 648	31, 678	25, 819	25, 325	11, 103
Idaho	4, 554	6, 723	7, 254	6, 306	17, 421	27, 996	21, 089	13, 357
Wyoming	13, 742	17, 598	17, 285	19, 499	29, 792	21, 287	23, 724	17, 007
Colorado	130, 678	170, 751	131, 735	168, 060	170, 450	239, 382	213, 227	176, 477
Utah	19, 165	18, 831	22, 369	25, 322	22, 425	29, 211	20, 928	20, 473
Washington	26, 529	25, 119	26, 799	27, 507	33, 156	26, 302	28, 212	25, 516
California	92, 417	131, 333	130, 199	202, 921	202, 142	236, 228	277, 535	224, 934
All other <sup>2</sup>	70, 121	115, 700	90, 724	116, 092	156, 350	88, 337	114, 430	185, 662
Total <sup>2</sup>	3, 625, 452	3, 622, 731	3, 179, 289	3, 532, 797	4, 100, 305	3, 655, 671	3, 746, 165	4, 185, 674

<sup>1</sup> Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.<sup>2</sup> Does not include Hawaii.

Bureau of Agricultural Economics. Compiled from inspection records of Bureau of Animal Industry. Data for 1926-40 in Agricultural Statistics, 1941, table 467, for 1941 in Agricultural Statistics, 1949, table 436.

TABLE 439.—*Cattle and calves: Stocker and feeder shipments into 8 North Central States, 1945-49*<sup>1</sup>

Year and source	Shipments into—								Total 8 States
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	
1945:	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Public stockyards...	93,452	149,751	338,628	31,482	17,878	77,228	721,229	331,737	1,811,385
Direct.....	14,426	32,912	157,155	6,223	10,891	76,995	321,955	122,656	743,213
Total.....	107,878	182,663	545,783	37,705	28,769	154,223	1,043,184	454,393	2,554,598
1946:									
Public stockyards...	117,517	153,477	454,081	40,599	15,940	81,867	821,586	337,600	2,022,667
Direct.....	16,422	40,115	226,880	5,438	8,394	64,992	387,774	162,540	912,555
Total.....	133,939	193,592	680,961	46,037	24,334	146,859	1,209,360	500,140	2,935,222
1947:									
Public stockyards...	78,529	136,671	397,496	27,215	14,004	69,771	715,910	322,248	1,761,844
Direct.....	9,547	35,823	214,675	4,114	7,418	69,764	336,432	160,917	838,690
Total.....	88,076	172,494	612,171	31,329	21,422	139,535	1,052,342	483,165	2,600,534
1948:									
Public stockyards...	68,576	124,470	382,164	32,196	13,780	83,684	723,384	310,886	1,739,140
Direct.....	13,580	41,590	248,515	4,092	10,487	81,155	298,849	121,762	820,030
Total.....	82,156	166,060	630,679	36,288	24,267	164,839	1,022,233	432,648	2,559,170
1949:									
Public stockyards...	84,314	139,250	448,595	42,567	17,397	101,712	881,117	331,301	2,046,253
Direct.....	17,405	50,449	319,768	6,368	15,434	111,293	485,565	205,851	1,212,133
Total.....	101,719	189,699	768,363	48,935	32,831	213,005	1,366,682	537,152	3,258,386

<sup>1</sup> Under "Public stockyards" are included stockers and feeders which were bought at stockyards markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 440.—*Cattle and calves: Number slaughtered, United States, 1930-49*

Year	Cattle slaughter				Calf slaughter			
	Federally inspected <sup>1</sup>	Not federally inspected		Total	Federally inspected <sup>1</sup>	Not federally inspected		Total
		Other whole-sale, and retail	Farm			Other whole-sale, and retail	Farm	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930.....	8,170	3,399	487	12,056	4,595	2,489	677	7,761
1931.....	8,108	3,468	520	12,096	4,717	2,585	755	8,057
1932.....	7,625	3,638	717	11,980	4,492	2,686	792	7,970
1933.....	8,655	3,662	790	13,107	4,907	2,815	842	8,564
1934.....	<sup>2</sup> 13,277	5,404	828	<sup>2</sup> 19,509	<sup>2</sup> 7,455	3,319	985	<sup>2</sup> 11,759
1935.....	<sup>2</sup> 9,853	4,320	632	<sup>2</sup> 14,805	<sup>2</sup> 5,718	3,048	866	<sup>2</sup> 9,632
1936.....	<sup>2</sup> 10,976	4,312	613	<sup>2</sup> 15,901	<sup>2</sup> 6,070	3,050	888	<sup>2</sup> 10,008
1937.....	10,070	4,614	570	15,254	6,281	3,238	785	10,304
1938.....	9,776	4,477	569	14,822	5,492	3,089	726	9,306
1939.....	9,446	4,604	571	14,621	5,264	3,172	755	9,191
1940.....	9,743	4,644	571	14,958	5,358	3,003	728	9,089
1941.....	10,932	4,916	571	16,419	5,461	3,107	684	9,252
1942.....	12,340	5,047	646	18,033	5,760	3,317	641	9,718
1943.....	11,721	5,416	708	17,845	5,209	4,111	620	9,940
1944.....	13,955	5,035	854	19,844	7,769	5,749	724	14,242
1945.....	14,531	6,244	916	21,691	7,020	5,884	741	13,645
1946.....	11,402	7,479	943	19,824	5,841	5,569	758	12,168
1947.....	16,524	6,009	860	22,393	7,933	5,080	682	13,695
1948.....	12,994	5,392	800	19,186	6,907	4,860	561	12,328
1949 <sup>4</sup> .....	13,222	4,791	776	18,789	6,449	4,379	517	11,345

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes 3,338,670 cattle in 1934, 186,683 in 1935, and 3500 in 1936, slaughtered for Government account.

<sup>3</sup> Includes 1,376,072 calves in 1934, 89,358 in 1935, and 163 in 1936, slaughtered for Government account.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 441.—*Cattle and calves: Number slaughtered under Federal inspection, by stations, 1940-49*<sup>1</sup>

## CATTLE

Year	Chi- cago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	So. St. Paul <sup>6</sup>	All other stations	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1940.....	1,358	111	611	452	744	578	367	725	4,811	9,756
1941.....	1,508	145	737	478	857	620	451	834	5,316	10,946
1942.....	1,575	212	955	506	924	683	480	869	6,142	12,347
1943.....	1,289	247	900	464	1,066	610	548	665	5,999	11,727
1944.....	1,540	293	1,004	565	1,083	706	529	822	7,417	13,960
1945.....	1,441	267	1,017	632	1,124	683	518	746	8,110	14,538
1946.....	975	217	722	538	759	467	358	542	6,835	11,413
1947.....	1,428	333	1,031	437	1,206	872	557	897	8,763	15,524
1948.....	1,150	278	813	332	828	745	396	686	7,767	12,994
1949.....	1,270	324	807	343	1,060	629	507	825	7,457	13,222

## CALVES

Year										
1940.....	345	20	247	750	56	421	12	496	3,013	5,359
1941.....	300	20	221	741	40	468	7	503	3,160	5,461
1942.....	262	21	248	777	30	446	7	514	3,454	5,760
1943.....	270	21	268	538	38	369	10	405	3,292	5,209
1944.....	455	60	412	571	123	615	65	570	4,899	7,770
1945.....	372	39	383	428	78	512	33	495	4,680	7,020
1946.....	326	22	256	455	47	350	18	456	3,912	5,842
1947.....	615	40	389	548	81	648	20	570	5,022	7,933
1948.....	544	23	241	516	58	532	17	397	4,579	6,907
1949.....	454	22	229	536	65	371	16	431	4,325	6,449

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act and in plants operating under limited inspection, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-39 in 1941 Agricultural Statistics, table 475.

TABLE 442.—*Cattle: Slaughter under Federal inspection, by classes, 1940-49*

Year	Steers		Cows		Heifers		Cows and heifers		Bulls and stags	
	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent
1940.....	4,866	49.9					4,481	45.9	409	4.2
1941.....	5,459	49.9					4,992	45.6	496	4.5
1942.....	6,019	48.7					5,854	47.4	475	3.8
1943.....	5,737	48.9					5,516	47.0	474	4.0
1944.....	5,860	42.0	5,824	41.7	1,568	11.2	7,392	52.9	708	5.1
1945.....	6,657	45.8	5,691	39.1	1,620	11.2	7,311	60.3	571	3.9
1946.....	5,364	47.0	4,317	37.8	1,324	11.6	5,641	49.4	408	3.6
1947.....	6,968	44.9	6,030	38.8	1,953	12.6	7,983	51.4	573	3.7
1948.....	5,751	44.3	5,279	40.6	1,483	11.4	6,762	52.0	481	3.7
1949.....	7,090	53.6	4,178	31.6	1,492	11.3	5,670	42.9	462	3.5

Production and Marketing Administration. Data for 1923-39 in Agricultural Statistics, 1941, table 478.

TABLE 443.—Cattle and calves: Number slaughtered commercially and total live weight, 1948 and 1949, and average live weight, 1949, by States<sup>1</sup>

State	Cattle					Calves				
	Number slaughtered		Total live weight		Average live weight	Number slaughtered		Total live weight		Average live weight
	1948	1949	1948	1949	1949	1948	1949	1948	1949	1949
	Head	Head	1,000 lb.	1,000 lb.	Pounds	Head	Head	1,000 lb.	1,000 lb.	Pounds
New England.....	340,100	300,400	325,042	294,284	980	399,600	432,900	37,491	42,006	97
New York.....	461,000	466,000	479,181	498,262	1,069	990,000	1,099,000	137,313	155,004	141
New Jersey.....	226,700	186,700	255,207	209,167	1,120	342,000	318,000	63,593	56,352	177
Pennsylvania.....	728,000	653,000	714,971	668,949	1,024	834,000	810,000	111,318	105,567	130
Ohio.....	1,005,000	891,000	924,462	841,275	944	394,000	381,000	61,200	61,036	160
Indiana.....	528,000	484,000	461,253	431,441	891	185,700	188,400	37,556	38,015	202
Illinois.....	1,787,000	1,838,000	1,662,099	1,782,140	970	1,193,000	935,000	209,712	169,789	182
Michigan.....	671,000	659,000	632,672	622,428	945	596,000	440,000	99,614	71,554	163
Wisconsin.....	643,000	575,000	660,106	592,747	1,031	1,179,000	1,148,000	142,567	142,304	124
Minnesota.....	1,039,000	1,205,000	1,020,624	1,208,783	1,003	617,000	661,000	100,346	110,407	167
Iowa.....	1,103,000	1,369,000	1,050,606	1,340,573	979	453,000	428,000	107,819	98,159	229
Missouri.....	853,000	788,000	742,107	719,069	913	413,000	265,500	86,695	61,593	232
North Dakota.....	121,200	113,700	122,391	116,704	1,026	70,000	52,200	18,723	14,790	283
South Dakota.....	217,000	209,000	210,294	208,176	996	19,100	9,200	4,979	2,657	289
Nebraska.....	921,000	1,157,000	875,026	1,117,658	966	71,500	73,400	22,409	23,952	326
Kansas.....	1,117,000	1,136,000	1,016,973	1,063,139	936	306,900	287,500	84,770	82,212	286
Delaware and Maryland <sup>2</sup> .....	170,600	146,900	165,313	147,814	1,006	153,800	143,500	24,353	23,597	164
Virginia.....	97,300	88,200	81,193	78,520	890	108,300	132,500	21,697	26,538	200
West Virginia.....	81,100	60,900	69,591	54,825	900	37,700	30,600	6,410	5,536	181
North Carolina.....	120,900	79,200	92,979	65,292	824	126,500	71,400	19,938	11,687	164
South Carolina.....	87,400	65,800	57,692	45,560	692	47,300	27,600	9,394	5,655	205
Georgia.....	371,000	279,000	236,395	187,561	672	178,300	129,200	46,164	35,574	275
Florida.....	226,000	174,900	141,143	119,518	683	106,200	77,700	26,673	21,045	271
Kentucky.....	228,000	182,900	186,391	155,726	851	105,400	78,000	17,851	15,310	196
Tennessee.....	310,000	253,200	231,463	194,746	769	320,000	304,000	62,630	63,171	208
Alabama.....	232,000	167,100	157,065	120,524	721	90,200	75,200	29,414	25,450	338
Mississippi.....	116,500	90,400	73,291	57,102	632	76,800	57,200	25,470	20,456	358
Arkansas.....	93,300	56,100	66,691	38,876	693	28,300	26,600	11,192	10,946	412
Louisiana.....	186,500	160,400	130,092	112,565	702	297,000	265,500	106,077	98,867	372
Oklahoma.....	374,000	330,000	305,273	268,629	814	196,700	180,500	73,499	74,585	413
Texas.....	1,182,000	942,000	916,268	757,424	804	959,000	843,000	378,715	351,508	417
Montana.....	55,800	67,100	53,501	63,171	941	11,600	12,400	4,258	4,321	348
Idaho.....	70,400	76,800	67,307	74,389	969	12,100	19,300	3,823	5,531	287
Wyoming.....	16,800	10,100	15,838	9,048	896	2,700	1,800	863	590	328
Colorado.....	401,000	442,000	381,476	428,630	970	51,100	44,500	15,421	14,566	328
New Mexico.....	37,500	35,500	29,482	29,560	833	7,600	7,700	3,242	3,144	408
Arizona.....	79,900	77,800	68,941	67,343	866	11,800	8,300	4,672	3,144	379
Utah.....	103,400	109,500	94,697	100,274	916	23,400	25,000	6,834	7,098	284
Nevada.....	25,100	21,000	26,411	21,834	1,040	9,000	9,200	3,071	3,212	349
Washington.....	309,000	313,000	295,361	295,272	943	69,300	83,100	17,422	21,976	264
Oregon.....	200,800	221,800	191,991	208,569	940	49,500	64,200	13,255	17,410	271
California.....	1,449,000	1,531,000	1,461,304	1,552,776	1,014	617,000	581,000	140,492	134,457	231
United States.....	18,386,300	18,013,400	16,750,163	16,970,343	942	11,766,400	10,828,100	2,398,935	2,240,771	207

<sup>1</sup>Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.  
Bureau of Agricultural Economics.

<sup>2</sup>Includes the District of Columbia.

TABLE 444.—*Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers (live weight) 1940-49*<sup>1</sup>

Year	Cattle			Calves			Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds		Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Lb.	Dollars	Thousands	Lb.	Dollars		Thousands	Lb.	Dollars	Thousands	Lb.	Dollars
1940.....	9,756	940	7.95	5,359	191	8.52	1945.....	14,538	948	12.41	7,020	214	12.40
1941.....	10,946	961	9.14	5,461	196	10.12	1946.....	11,413	943	14.66	5,842	199	14.39
1942.....	12,347	954	10.98	5,760	208	12.07	1947.....	15,524	928	18.88	7,933	209	19.59
1943.....	11,727	955	12.22	5,209	207	12.28	1948.....	12,994	945	23.29	6,907	209	24.32
1944.....	13,960	924	11.08	7,770	218	11.59	1949.....	13,222	976	20.74	6,449	209	22.71

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act beginning 1942 and in plants operating under limited inspection.

Production and Marketing Administration. Data for 1931-39 in Agricultural Statistics, 1941, tables 476 and 477.

In recent years the carcass weight of cattle has averaged about 53 percent of the live weight and for calves about 55 percent of the live weight.

TABLE 445.—*Cattle and calves: Average price per 100 pounds, by grades, at Chicago, 1940-49*

Year	Beef steers <sup>1</sup>					Cows <sup>2</sup>	Veal calves <sup>2</sup>
	Choice and prime	Good	Medium	Common	All grades	Good	Good and choice
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1940.....	11.86	10.48	8.84	7.51	10.43	7.22	10.61
1941.....	12.23	11.36	10.02	8.64	11.33	8.44	12.18
1942.....	15.19	13.90	12.22	10.40	13.79	10.90	14.48
1943.....	16.23	15.34	14.01	11.66	15.30	12.98	15.18
1944.....	17.05	15.73	13.87	11.25	15.44	13.21	14.86
1945.....	17.30	16.00	14.12	11.73	16.18	14.01	15.12
1946.....	20.24	19.32	17.36	13.75	19.16	15.04	16.87
1947.....	30.64	26.22	21.76	18.04	25.83	18.48	24.98
1948.....	35.24	30.96	26.31	22.16	30.88	23.18	29.02
1949.....	28.65	26.07	23.17	19.77	25.80	18.79	27.64

<sup>1</sup> Weighted average prices of beef steers, sold out of first hands for slaughter.

<sup>2</sup> Based on the mean of daily range of quotations released by the livestock reporting service.

Production and Marketing Administration. Data for 1931-39 in Agricultural Statistics, 1941, table 469.

TABLE 446.—*Cattle (steers): Average price per 100 pounds in Argentina and Canada, 1939-49*

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Argentine special, for chilling, at Liniers market, near Buenos Aires...	Dol. 3.79	Dol. 3.64	Dol. 3.86	Dol. 4.99	Dol. 5.01	Dol. 5.09	Dol. 5.12	Dol. 4.77	Dol. ( <sup>2</sup> )	Dol. ( <sup>2</sup> )	Dol. ( <sup>2</sup> )
Canadian at Winnipeg:											
Over 1,050 pounds, Choice.....	6.59	6.95	8.03	9.44	10.72	10.78	11.30	12.53	14.84	20.69	21.28
Up to 1,050 pounds, Good.....	5.98	6.33	7.48	8.82	10.09	10.17	10.44	11.47	13.60	18.81	19.53

<sup>1</sup> 9 months' average.<sup>2</sup> Not available.

Bureau of Agricultural Economics. Prices converted to United States dollars at current rate of exchange.

TABLE 447.—*Steer beef, dressed: Average wholesale price per 100 pounds, by grades, Chicago and New York, 1940-49*<sup>1</sup>

Year	Chicago			New York			Year	Chicago			New York		
	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>		Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>
	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars		Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
1940.....	17.67	16.11	14.34	18.75	17.05	15.02	1945.....	20.88	19.88	17.88	22.00	21.00	19.00
1941.....	18.52	17.18	15.72	19.40	18.21	16.16	1946.....	29.98	27.81	23.16	31.38	29.31	24.81
1942.....	21.30	19.98	18.28	22.59	21.44	19.47	1947.....	44.28	41.46	35.70	44.63	42.02	36.74
1943.....	21.62	20.62	18.65	22.66	21.66	19.66	1948.....	53.58	50.03	45.08	52.45	49.89	45.02
1944.....	20.88	19.88	17.88	21.90	20.90	18.90	1949.....	46.28	42.66	39.81	-----	43.44	38.20

<sup>1</sup> These average prices are based on the mean of daily range of quotations.<sup>2</sup> Carcass weights 500-600 pounds.<sup>3</sup> Carcass weights 400-600 pounds.<sup>4</sup> 7-month average.

Production and Marketing Administration. Data for 1931-39 in Agricultural Statistics, 1941, tables 471 and 472.

TABLE 448.—*Hogs, including pigs: Number on farms and value, Jan. 1, and pig crop, United States, 1930-50*

Year	Hogs on farms, Jan. 1				Pig crop				
	Number	Farm value			Sows farrowing		Pigs saved <sup>1</sup>		
		Per head	Total		Spring	Fall	Spring	Fall	Total
	Thou- sands	Dollars	1,000 dollars		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930 <sup>2</sup>	32,794								
1930	55,705	13.45	749,481	8,278	4,073	49,332	24,803		74,135
1931	54,835	11.35	622,239	8,969	4,797	53,984	29,192		83,176
1932	59,301	6.13	363,315	8,810	5,179	51,031	31,494		82,525
1933	62,127	4.21	261,730	9,122	5,207	53,460	30,740		84,200
1934	58,621	4.09	239,541	6,825	2,936	39,698	17,068		56,766
1935 <sup>2</sup>	37,213								
1935	39,066	6.31	246,580	5,467	3,857	32,884	23,260		56,144
1936	42,975	12.71	546,180	6,954	3,957	41,422	24,303		65,725
1937	43,083	11.89	512,072	6,177	3,845	38,525	23,994		62,519
1938	44,525	11.26	501,462	6,795	4,517	43,289	28,566		71,855
1939	50,012	11.18	559,274	8,692	5,352	53,238	33,714		86,952
1940 <sup>2</sup>	34,037								
1940	61,165	7.78	475,866	8,247	4,763	49,584	30,282		79,866
1941	54,353	8.34	453,081	7,760	5,535	49,368	35,584		84,952
1942	60,607	15.60	944,907	9,684	6,840	61,093	43,810		104,903
1943	73,881	22.50	1,662,381	12,174	7,565	74,223	47,584		121,807
1944	83,741	17.60	1,466,666	9,246	4,882	55,754	30,906		86,659
1945 <sup>2</sup>	46,736								
1945	59,331	20.60	1,223,629	8,298	5,426	52,189	34,593		86,782
1946	61,301	23.90	1,468,123	8,109	4,713	52,392	30,548		82,940
1947	56,921	36.00	2,049,066	8,652	4,907	52,802	31,345		84,147
1948	55,028	42.80	2,356,160	7,964	5,158	51,266	33,921		85,187
1949	57,128	38.20	2,183,553	9,150	5,726	59,039	37,262		96,301
1950 <sup>3</sup>	60,424	27.10	1,638,964						

<sup>1</sup> Pigs raised to weaning age or living on June 1 or Dec. 1, respectively.<sup>2</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. 1930 and 1940 figures exclude spring-born pigs.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for hogs on farms, 1900-29, in Agricultural Statistics, 1942, table 508; for pig crop, 1924-29, table 509.

TABLE 449.—*Hogs: Number on farms, by classes, Jan. 1, 1930-50, and number 6 months old and over on farms, United States, June 1, 1935-50*

Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1	Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1
		Sows and gilts	Other					Sows and gilts	Other		
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	24,685	9,640	21,380	55,705		1941	26,328	8,565	19,460	54,353	24,647
1931	24,338	9,776	20,721	54,835		1942	31,090	10,699	18,818	60,607	28,841
1932	27,340	9,768	22,193	59,301		1943	38,401	13,334	22,146	73,881	36,257
1933	29,719	9,975	22,433	62,127		1944	42,337	10,825	30,579	83,741	34,500
1934	27,581	8,654	22,386	58,621		1945	27,212	9,223	22,896	59,331	25,566
1935	15,425	6,078	17,563	39,066	19,228	1946	30,035	9,411	21,855	61,301	22,959
1936	20,024	7,714	15,237	42,975	20,774	1947	26,800	9,616	20,505	56,921	24,220
1937	21,234	7,104	14,745	43,083	20,163	1948	27,258	8,804	18,966	55,028	23,746
1938	21,025	7,560	15,940	44,925	20,193	1949	29,421	10,033	17,674	57,128	22,816
1939	25,111	9,460	15,441	50,012	24,314	1950 <sup>1</sup>	32,503	10,783	17,138	60,424	23,474
1940	30,044	9,413	21,708	61,165	27,168						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 450.—*Hogs, including pigs: Number on farms, and value, by States, Jan. 1, average 1939-48, annual 1949 and 1950*

State and division	Number			Farm value					
	Average 1939-48	1949	1950 <sup>1</sup>	Value per head			Total value		
				Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	50	36	32	17.70	30.70	24.50	859	1,105	784
New Hampshire.....	21	15	13	18.60	31.70	26.10	381	476	339
Vermont.....	28	22	21	16.80	28.80	21.70	450	634	456
Massachusetts.....	104	94	94	19.60	35.90	24.60	2,010	3,375	2,312
Rhode Island.....	9	10	9	21.50	36.20	25.80	212	362	232
Connecticut.....	34	36	30	19.80	33.10	24.10	694	1,192	723
New York.....	288	236	212	18.50	35.70	25.70	5,126	8,425	5,448
New Jersey.....	103	79	72	19.60	36.00	28.70	1,947	2,844	2,066
Pennsylvania.....	787	718	704	18.90	35.30	25.90	14,587	25,345	18,234
North Atlantic.....	1,424	1,246	1,187	18.90	35.10	25.80	26,266	43,758	30,594
Ohio.....	3,278	3,054	3,176	17.80	33.60	25.30	57,838	102,614	80,353
Indiana.....	4,169	4,192	4,611	19.70	36.20	27.00	82,487	151,750	124,497
Illinois.....	5,946	5,714	6,285	23.10	42.60	30.10	138,887	243,416	189,178
Michigan.....	993	820	927	19.20	36.00	26.60	18,351	29,520	24,658
Wisconsin.....	1,839	1,650	1,666	22.20	42.50	30.30	39,895	70,125	50,480
East North Central.....	16,225	15,430	16,665	20.80	38.70	28.20	337,457	597,425	469,166
Minnesota.....	3,860	3,331	3,498	26.10	47.70	32.40	99,121	158,889	113,335
Iowa.....	10,912	10,836	11,920	26.60	47.10	32.00	293,584	510,376	381,440
Missouri.....	3,967	3,851	4,429	18.60	35.90	25.10	73,305	138,251	111,168
North Dakota.....	604	444	413	26.60	48.80	34.00	15,950	21,667	14,042
South Dakota.....	1,626	1,551	1,442	27.90	52.60	34.70	48,038	81,583	50,037
Nebraska.....	2,693	2,403	2,475	25.40	45.70	32.00	70,086	109,817	79,200
Kansas.....	1,539	1,182	1,283	19.00	35.40	25.00	23,087	41,843	31,325
West North Central.....	25,202	23,598	25,430	24.80	45.00	30.70	628,171	1,062,426	780,547
North Central.....	41,427	39,028	42,095	23.20	42.50	29.70	965,629	1,659,851	1,249,713
Delaware.....	39	36	37	15.90	30.60	22.70	614	1,102	840
Maryland.....	253	257	270	15.00	30.80	21.20	3,801	7,916	5,724
Virginia.....	772	767	752	14.70	27.90	20.30	11,405	21,399	15,266
West Virginia.....	272	278	256	14.90	28.30	20.70	4,152	7,867	5,299
North Carolina.....	1,204	1,167	1,120	16.50	29.10	22.90	19,668	33,960	25,648
South Carolina.....	675	620	663	14.20	25.30	20.50	9,637	15,686	13,502
Georgia.....	1,726	1,604	1,700	12.90	24.30	20.60	22,082	38,977	35,020
Florida.....	653	666	619	10.60	21.70	19.50	6,954	14,452	12,070
South Atlantic.....	5,595	5,395	5,417	14.00	26.20	20.90	78,313	141,359	113,459
Kentucky.....	1,494	1,619	1,668	16.10	31.60	23.30	24,281	51,160	38,864
Tennessee.....	1,366	1,269	1,371	15.30	29.90	22.30	20,679	37,943	30,573
Alabama.....	1,200	1,124	1,225	13.40	25.70	18.70	15,965	28,887	22,908
Mississippi.....	1,105	975	965	12.60	24.60	17.10	13,827	23,985	16,502
Arkansas.....	1,201	940	974	12.70	25.80	17.50	14,555	24,407	17,045
Louisiana.....	863	724	731	11.20	21.00	16.30	9,349	15,204	11,915
Oklahoma.....	1,047	819	835	14.10	27.60	18.00	13,704	22,604	15,030
Texas.....	2,141	1,701	1,701	15.20	27.30	20.80	31,317	46,437	35,381
South Central.....	10,417	9,177	9,470	14.10	27.30	19.90	143,677	250,627	188,218
Montana.....	229	229	192	20.90	41.60	25.00	4,850	9,526	4,800
Idaho.....	378	227	209	20.10	36.00	25.20	6,530	8,172	5,267
Wyoming.....	91	85	85	19.70	35.50	23.70	1,738	3,018	2,014
Colorado.....	404	334	351	19.30	34.80	24.60	7,404	11,023	8,635
New Mexico.....	103	66	73	17.30	28.90	22.50	1,630	1,907	1,642
Arizona.....	48	27	24	19.00	35.30	26.60	851	953	638
Utah.....	116	98	88	17.30	38.40	22.20	1,866	3,763	1,954
Nevada.....	26	27	28	20.20	41.10	25.40	522	1,110	711
Washington.....	270	168	160	20.40	39.50	24.80	4,886	6,968	3,968
Oregon.....	257	184	166	18.50	35.40	25.50	4,261	6,514	4,233
California.....	852	837	879	21.20	41.50	26.30	17,493	34,736	23,118
West.....	2,771	2,282	2,255	20.00	38.50	25.30	52,031	87,958	56,980
United States.....	61,634	57,128	60,424	20.60	38.20	27.10	1,265,915	2,183,553	1,638,964

<sup>1</sup> Preliminary.

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TABLE 451.—*Pig crop, by States, 1948 and 1949*

State and division	Sows farrowing				Pigs saved					
	1948		1949 <sup>1</sup>		1948			1949 <sup>1</sup>		
	Spring	Fall	Spring	Fall	Spring	Fall	Total	Spring	Fall	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	4	4	5	4	28	26	54	33	26	59
New Hampshire.....	1	1	2	1	10	10	20	11	9	20
Vermont.....	3	2	3	2	23	17	40	19	18	37
Massachusetts.....	11	9	11	9	59	55	114	62	50	112
Rhode Island.....	1	1	1	1	5	6	11	5	5	10
Connecticut.....	5	4	5	4	28	28	56	31	23	54
New York.....	31	22	33	20	217	161	378	238	146	384
New Jersey.....	13	9	14	9	86	57	143	95	60	155
Pennsylvania.....	79	73	88	72	529	504	1,033	598	490	1,088
North Atlantic.....	148	125	162	122	985	864	1,849	1,092	827	1,919
Ohio.....	381	352	469	384	2,617	2,471	5,088	3,203	2,630	5,833
Indiana.....	502	516	602	583	3,373	3,473	6,846	4,070	3,813	7,883
Illinois.....	836	527	970	617	5,409	3,510	8,919	6,218	4,023	10,241
Michigan.....	98	83	124	100	678	569	1,247	870	687	1,557
Wisconsin.....	296	153	323	165	1,989	1,043	3,032	2,177	1,097	3,274
East North Central.....	2,113	1,631	2,488	1,849	14,066	11,066	25,132	16,538	12,250	28,788
Minnesota.....	611	217	715	267	3,880	1,428	5,308	4,583	1,693	6,276
Iowa.....	1,707	778	2,048	871	11,334	5,135	16,469	13,435	5,662	19,097
Missouri.....	457	398	539	490	3,066	2,738	5,804	3,563	3,317	6,880
North Dakota.....	103	16	118	16	664	103	767	752	103	855
South Dakota.....	313	46	341	53	1,856	288	2,144	2,111	324	2,435
Nebraska.....	424	140	475	151	2,599	875	3,474	2,878	966	3,844
Kansas.....	146	109	171	120	949	713	1,662	1,091	806	1,897
West North Central.....	3,761	1,704	4,407	1,968	24,348	11,280	35,628	28,413	12,871	41,284
North Central.....	5,874	3,335	6,895	3,817	38,414	22,346	60,760	44,951	25,121	70,072
Delaware.....	4	4	4	4	23	23	46	25	25	50
Maryland.....	30	25	33	29	198	168	366	218	200	418
Virginia.....	88	82	93	86	572	566	1,138	614	576	1,190
West Virginia.....	25	24	25	23	182	170	352	175	163	338
North Carolina.....	127	106	138	110	800	689	1,489	897	715	1,612
South Carolina.....	90	77	88	83	540	485	1,025	510	498	1,008
Georgia.....	187	171	200	188	1,103	1,043	2,146	1,220	1,147	2,367
Florida.....	102	86	107	82	551	447	998	556	435	991
South Atlantic.....	653	575	688	605	3,969	3,591	7,560	4,215	3,759	7,974
Kentucky.....	166	147	194	153	1,112	985	2,097	1,300	1,056	2,356
Tennessee.....	133	123	149	143	851	836	1,687	983	958	1,941
Alabama.....	109	114	131	138	654	718	1,372	812	869	1,681
Mississippi.....	106	83	111	85	572	456	1,028	599	476	1,075
Arkansas.....	106	90	124	97	647	567	1,214	781	621	1,402
Louisiana.....	108	90	119	94	562	486	1,048	631	508	1,139
Oklahoma.....	92	97	105	97	580	640	1,220	662	640	1,302
Texas.....	199	179	195	174	1,234	1,146	2,380	1,248	1,114	2,362
South Central.....	1,019	923	1,128	981	6,212	5,834	12,046	7,016	6,242	13,258
Montana.....	27	19	28	18	167	125	292	174	119	293
Idaho.....	29	20	28	20	188	130	318	179	130	309
Wyoming.....	12	10	12	11	72	66	138	74	73	147
Colorado.....	43	31	47	31	245	198	443	291	202	493
New Mexico.....	11	6	10	7	66	39	105	64	47	111
Arizona.....	3	2	4	2	20	13	33	19	11	30
Utah.....	16	11	15	9	106	72	178	98	59	157
Nevada.....	4	2	4	2	21	13	34	22	14	36
Washington.....	21	16	20	16	145	110	255	138	115	253
Oregon.....	27	18	28	16	186	124	310	196	115	311
California.....	77	65	81	69	470	396	866	510	428	938
West.....	270	200	277	201	1,686	1,286	2,972	1,765	1,313	3,078
United States.....	7,964	5,158	9,150	5,726	51,266	33,921	85,187	59,039	37,262	96,301

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 452.—*Hogs: Number in specified countries, averages 1936-40 and 1941-45, annual 1946-49*

Continent and country	Month of estimate <sup>1</sup>	Average		1946	1947	1948	1949 <sup>2</sup>
		1936-40	1941-45				
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
North America:							
Canada.....	Dec. 1 <sup>1</sup>	4, 078	7, 501	5, 853	5, 459	5, 381	4, 604
El Salvador.....	July.....	559	460		283	348	
Guatemala.....	July.....	213	<sup>3</sup> 274			<sup>1</sup> 374	
Honduras.....	July.....	235	<sup>3</sup> 247	318	323	399	400
Mexico.....	Dec. 1 <sup>1</sup>	<sup>3</sup> 4, 965	<sup>3</sup> 5, 212	5, 309	5, 314		5, 600
Nicaragua.....		<sup>3</sup> 250	<sup>3</sup> 225			250	
United States.....	Jan. 1.....	48, 352	66, 383	61, 301	56, 921	55, 028	57, 128
Cuba.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 904	<sup>3</sup> 825	<sup>6</sup> 1, 620		1, 700	1, 800
Estimated total.....		61, 400	82, 900	76, 700	72, 100	70, 500	72, 200
Europe:							
Austria.....	Dec. 1 <sup>1</sup>	<sup>3</sup> 2, 849	1, 915	<sup>7</sup> 1, 030	<sup>7</sup> 1, 490	<sup>7</sup> 1, 724	<sup>7</sup> 1, 618
Belgium.....	Jan. 1.....	<sup>11</sup> 1, 005	545	<sup>7</sup> 735	<sup>7</sup> 776	<sup>7</sup> 648	1, 076
Bulgaria <sup>3</sup> .....	Dec. 31 <sup>1</sup>	<sup>3</sup> 833	912	800	870	825	
Czechoslovakia.....	Jan. 1.....	<sup>3</sup> 3, 174	3, 025	2, 362	2, 944	2, 670	3, 329
Denmark.....	Jan.....	2, 997	1, 919	<sup>10</sup> 1, 810	<sup>10</sup> 1, 687	<sup>10</sup> 1, 604	<sup>10</sup> 1, 944
Finland.....	Mar. 1.....	<sup>10</sup> 485	266	254	335	304	409
France.....	Fall <sup>1</sup>	7, 034	<sup>7</sup> 4, 738	<sup>7</sup> 4, 386	<sup>7</sup> 5, 335	<sup>7</sup> 5, 678	<sup>7</sup> 6, 424
Germany <sup>11</sup> .....	Dec. 1 <sup>1</sup>	<sup>3</sup> 18, 721	13, 750	<sup>7</sup> 7, 450	<sup>7</sup> 8, 400	<sup>7</sup> 7, 600	<sup>7</sup> 9, 400
Greece.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 532		403	490	480	509
Hungary.....	Spring.....	3, 620	3, 554	<sup>7</sup> 1, 315	2, 119		3, 250
Ireland.....	June.....	978	505	479	457	457	675
Italy.....	July.....	<sup>6</sup> 3, 750	3, 380	3, 200	3, 500	3, 750	3, 800
Luxembourg.....	Dec. 1 <sup>1</sup>	148	92	88	95	100	106
Netherlands.....	Dec. 1 <sup>1</sup>	1, 725	<sup>3</sup> 860	981	1, 062	937	1, 158
Norway.....	June 20.....	393	210	257	259	248	412
Poland.....	June 30.....	<sup>6</sup> 9, 684		4, 000			
Portugal.....	Dec. 31 <sup>1</sup>	<sup>5</sup> 1, 206	<sup>5</sup> 1, 253			1, 200	
Rumania.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 2, 640		1, 389	1, 384	1, 459	
Spain.....	Dec. 31 <sup>1</sup>	<sup>6</sup> 4, 944	<sup>3</sup> 5, 146	4, 676			
Sweden.....	Summer.....	1, 292	994	1, 165	1, 189	1, 195	1, 251
Switzerland.....	April.....	915	672	654	710	767	887
United Kingdom.....	June.....	4, 380	2, 110	1, 955	1, 628	2, 151	2, 811
Yugoslavia.....	Dec. 31 <sup>1</sup>	3, 238					
Estimated total.....		76, 600	54, 800	43, 500	49, 100	51, 000	58, 700
U.S.S.R. (Europe and Asia).....	Jan. 1.....	<sup>5</sup> 32, 300		10, 400	8, 600	12, 000	15, 000
Asia:							
British Malaya.....		746		288	361	410	445
Burma.....	Dec. 31 <sup>1</sup>	538	<sup>3</sup> 380	258	309	402	
China <sup>13</sup> .....	May.....	63, 000	58, 000	54, 500	59, 000		
India.....	Jan. 1.....	<sup>5</sup> 2, 777	<sup>5</sup> 3, 685				
Japan.....	Dec. 31 <sup>1</sup>	958	424				500
Formosa.....	Dec. 31 <sup>1</sup>	1, 803	1, 230	1, 086			
Korea-South.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 828	515	93		521	545
Indonesia.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 1, 199			1, 143		
Philippine Islands.....	Jan. 1.....	<sup>3</sup> 4, 398					4, 000
Estimated total.....		84, 100	76, 300	70, 000	75, 000	75, 800	76, 800
South America:							
Argentina.....	July.....	<sup>3</sup> 3, 674	6, 860	4, 000	<sup>13</sup> 2, 981	2, 500	3, 000
Brazil.....		<sup>23</sup> 224	<sup>3</sup> 24, 672	23, 815	24, 000	23, 000	24, 500
Chile.....	June.....	<sup>3</sup> 420	<sup>3</sup> 405			572	800
Colombia.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 1, 572	<sup>3</sup> 1, 659		1, 679		1, 200
Ecuador.....		<sup>3</sup> 850	<sup>3</sup> 863		1, 000	1, 140	
Peru.....		<sup>14</sup> 800	<sup>3</sup> 657	777		<sup>1</sup> 777	
Uruguay.....	May.....	<sup>3</sup> 873	<sup>3</sup> 354	273	250	250	
Estimated total.....		31, 300	36, 500	33, 400	32, 700	31, 100	33, 400
Africa:							
Algeria.....	Nov. 1 <sup>1</sup>	58	129	95		203	144
Nyasaland.....	Dec. 31 <sup>1</sup>	65	49	54			97
French Morocco <sup>15</sup> .....	Dec. 31 <sup>1</sup>	64	123			68	
Madagascar <sup>15</sup> .....	Dec. 31 <sup>1</sup>	578	523	421	396	410	400
Mozambique.....	Dec. 31 <sup>1</sup>	70	59	55	57	60	68
Northern Rhodesia.....	Dec. 31 <sup>1</sup>	29	34	39	55	58	43
Angola.....		<sup>5</sup> 410	<sup>5</sup> 484			400	
Southern Rhodesia.....	Dec. 31 <sup>1</sup>	115	148	134	143	117	108
Tunisia.....	Dec. 31 <sup>1</sup>	24	22	21	31	42	42
Union of South Africa.....	August.....	<sup>3</sup> 1, 007	<sup>5</sup> 1, 174	1, 118	1, 150	1, 300	
Estimated total.....		3, 400	3, 800	3, 700	3, 700	4, 000	4, 000

See footnotes at end of table.

TABLE 452.—Hogs: Number in specified countries, averages 1936-40 and 1941-45, annual 1946-49—Continued

Continent and country	Month of estimate <sup>1</sup>	Average		1946	1947	1948	1949 <sup>2</sup>
		1936-40	1941-45				
Oceania:		Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
Australia.....	Mar. 31.....	sands	sands	sands	sands	sands	sands
New Zealand.....	Jan. 31.....	1,242	1,643	1,426	1,273	1,255	1,196
		753	643	549	546	548	545
Estimated total.....		2,100	2,500	2,100	2,000	1,900	1,900
Estimated world total.....		291,200	272,800	239,800	243,200	246,400	262,000

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the December 1945 estimate of 5,853,000 is shown under 1946. <sup>2</sup> Preliminary. <sup>3</sup> Averages for 2 to 4 years only. <sup>4</sup> June. <sup>5</sup> Census or estimate for single year. <sup>6</sup> Census, July 1, 1946. <sup>7</sup> Official statistics; maybe an underestimate of actual numbers. <sup>8</sup> Includes Southern Dobrudja, beginning 1944. <sup>9</sup> Includes also number of hogs in towns, which totaled 27,000 head in 1947. <sup>10</sup> September. <sup>11</sup> Totals for 4 zones of occupation. <sup>12</sup> Includes China proper (22 provinces), Manchuria, Jehol and Sinkiang (Turkestan). <sup>13</sup> Census May 10-12, 1947. <sup>14</sup> Year 1934. <sup>15</sup> Number taxed only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States Foreign Service officers, and other information. Data for countries having changed boundaries relate to present territory, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 453.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1930-49

Year	Mar- ket- ings <sup>1</sup>	Shipped in for feeding and breed- ing <sup>2</sup>	Farm slaugh- ter	Quantity pro- duced (live weight) <sup>3</sup>	Value of produc- tion <sup>4</sup>	Cash re- ceipts <sup>5</sup> from sales of hogs, pork, and lard <sup>6</sup>	Value of hogs slaugh- tered for home con- sump- tion	Gross in- come <sup>7</sup>	Cost of hogs shipped in for feeding and breed- ing <sup>2</sup>	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1930.....	53,796	477	13,540	15,175,728	1,340,302	1,135,500	233,218	1,368,718	5,500	8.84
1931.....	55,972	1,366	14,338	16,541,384	966,570	774,228	175,541	949,769	10,944	5.73
1932.....	55,844	477	15,580	16,367,644	561,989	444,592	112,589	557,181	2,623	3.34
1933 <sup>8</sup> .....	65,661	1,454	15,244	16,566,123	602,150	523,866	107,624	631,490	7,741	3.53
1934.....	55,750	1,237	15,110	12,384,760	520,147	520,339	125,353	645,692	8,044	4.14
1935.....	32,749	481	13,348	10,672,796	906,973	681,804	208,191	889,995	5,293	8.65
1936.....	44,809	639	14,295	12,975,986	1,196,314	991,086	243,075	1,234,161	6,903	9.37
1937.....	40,665	367	13,333	12,506,271	1,176,449	924,965	235,942	1,160,907	4,007	9.50
1938.....	46,089	516	13,325	14,372,173	1,105,438	870,207	194,972	1,065,179	4,724	7.74
1939.....	52,905	637	13,980	17,078,849	1,066,050	809,615	171,091	980,706	4,892	6.23
1940.....	64,262	607	14,155	17,044,404	919,927	835,618	148,547	984,165	4,233	5.39
1941.....	57,695	741	12,789	17,489,485	1,576,855	1,302,404	215,795	1,518,199	7,621	9.09
1942.....	67,423	600	12,533	21,105,133	2,734,255	2,198,015	309,415	2,507,430	8,642	13.00
1943.....	83,187	771	14,016	25,374,715	3,466,520	2,929,215	372,797	3,302,012	11,645	13.70
1944.....	86,331	658	13,651	20,582,873	2,674,178	2,801,256	332,635	3,133,891	9,397	13.10
1945.....	60,959	464	13,631	19,095,526	2,672,024	2,297,202	376,754	2,673,956	7,144	14.00
1946.....	64,370	464	13,850	19,041,127	3,321,243	2,961,234	488,112	3,449,346	8,794	17.50
1947.....	63,624	497	12,781	18,666,554	4,477,061	4,004,995	629,811	4,634,806	12,815	24.10
1948.....	61,750	457	12,267	18,739,227	4,322,558	3,715,404	592,046	4,307,450	11,372	23.10
1949 <sup>9</sup> .....	70,584	541	11,549	20,375,991	3,696,201	3,225,488	431,229	3,656,717	10,670	18.10

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes hogs shipped in from other States and from central markets but excludes intrastate shipments.

<sup>3</sup> Adjustments were made for hogs shipped in and changes in inventory.

<sup>4</sup> No adjustments made for cost of hogs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of hogs, pork, and lard" plus "Value of hogs slaughtered for home consumption." <sup>5</sup> Includes Government purchases. <sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 514.

TABLE 454.—Hogs: Production, disposition, cash receipts and gross income, by States, 1948

State and division	Mar- ketings (1)	Shipped in for feeding and breed- ing 2	Farm slaugh- ter	Quan- tity produced (live weight) 3	Value of pro- duction 3	Cash receipts from sales of hogs, pork, and lard 4	Value of hogs slaugh- tered for home consump- tion	Gross income 4	Cost of hogs shipped in for feeding and breed- ing 2
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	3		26	12,237	2,778	2,219	909	3,128	
New Hampshire.....			10	4,655	1,066	817	378	1,195	
Vermont.....	5		21	9,131	2,054	1,408	808	2,216	
Massachusetts.....	22		28	21,620	5,016	4,075	1,013	5,088	
Rhode Island.....	3		3	2,395	556	497	110	607	
Connecticut.....	19		16	10,355	2,423	1,920	572	2,492	
New York.....	44	3	195	81,051	19,047	12,302	7,298	19,600	75
New Jersey.....	91	18	29	28,240	7,116	6,937	1,030	7,967	577
Pennsylvania.....	158		350	218,977	54,306	41,933	14,670	56,603	
North Atlantic.....	345	21	678	388,661	94,362	72,108	26,788	98,896	652
Ohio.....	3,767	7	405	1,045,623	250,950	229,796	21,987	251,783	187
Indiana.....	5,387	13	350	1,516,364	357,862	336,572	18,585	355,157	343
Illinois.....	7,177	60	460	2,061,552	482,403	457,428	24,703	482,131	1,643
Michigan.....	640	21	205	249,165	57,806	49,460	7,824	57,284	519
Wisconsin.....	2,210	4	348	674,000	155,694	139,423	15,113	154,536	98
East North Central.....	19,181	105	1,768	5,546,704	1,304,715	1,212,679	88,212	1,300,891	2,790
Minnesota.....	4,179	15	370	1,253,314	285,756	263,064	18,601	281,665	365
Iowa.....	13,552	83	480	3,939,976	898,315	850,580	25,992	876,572	2,017
Missouri.....	4,213	41	520	1,267,745	295,385	257,020	29,612	286,632	915
North Dakota.....	439	7	190	172,888	37,862	28,627	8,239	36,866	105
South Dakota.....	1,845	5	114	523,730	117,839	113,936	6,214	120,150	151
Nebraska.....	2,934	10	190	856,658	194,461	184,388	10,858	195,246	242
Kansas.....	1,094	20	190	369,372	87,172	73,856	11,170	85,026	502
West North Central.....	28,256	181	2,054	8,383,683	1,916,790	1,771,471	110,686	1,882,157	4,297
North Central.....	47,437	286	3,822	13,930,387	3,221,505	2,984,150	198,898	3,183,048	7,087
Delaware.....	16		19	9,141	2,102	1,478	770	2,248	
Maryland.....	135		108	69,114	16,449	11,432	5,038	16,470	
Virginia.....	345	1	565	251,120	57,758	30,378	29,629	60,007	24
West Virginia.....	89		190	83,663	19,326	9,866	10,257	20,123	
North Carolina.....	403	1	800	296,947	67,407	34,774	35,739	70,513	22
South Carolina.....	424	2	355	205,782	45,478	31,662	16,593	48,255	42
Georgia.....	681	1	860	358,775	77,854	46,353	34,898	81,251	21
Florida.....	278		235	121,751	24,715	19,511	5,176	24,687	
South Atlantic.....	2,371	5	3,132	1,396,293	311,089	185,454	138,100	323,554	109
Kentucky.....	990	13	570	425,405	101,246	64,333	35,218	99,551	296
Tennessee.....	896	15	650	370,924	85,683	55,062	32,818	87,880	406
Alabama.....	467		540	262,833	55,721	31,754	25,300	57,054	
Mississippi.....	208	2	605	202,099	43,653	19,543	26,411	45,954	56
Arkansas.....	400	3	415	237,845	53,039	36,068	18,879	54,947	71
Louisiana.....	435	2	330	161,750	34,129	25,203	9,748	34,951	68
Oklahoma.....	572	34	310	248,598	58,172	40,104	16,648	56,752	762
Texas.....	863	24	800	511,791	110,688	79,752	41,086	120,838	554
South Central.....	4,831	93	4,130	2,421,245	548,331	351,819	206,108	557,927	2,212
Montana.....	68	1	68	57,980	13,567	9,682	3,118	12,800	25
Idaho.....	121	4	51	65,364	16,014	12,961	2,708	15,669	104
Wyoming.....	72	1	30	28,155	6,616	5,164	1,359	6,523	25
Colorado.....	226	1	73	96,725	22,730	18,689	3,573	22,262	25
New Mexico.....	23		33	21,805	5,320	3,672	1,610	5,282	
Arizona.....	3		8	6,849	1,630	1,566	303	1,869	
Utah.....	97	1	27	34,146	8,161	6,928	1,129	8,057	25
Nevada.....	12		9	6,264	1,491	1,094	353	1,447	
Washington.....	89	16	82	54,323	13,852	11,597	3,194	14,791	432
Oregon.....	116	15	65	66,000	16,632	14,433	2,260	16,693	400
California.....	541	13	59	155,030	41,258	36,087	2,545	38,632	276
Western.....	1,368	52	505	602,641	147,271	121,873	22,152	144,025	1,312
United States.....	56,352	457	12,267	18,739,227	4,322,558	3,715,404	592,046	4,307,450	11,372

Footnotes 1, 2, 3, and 4 are the same as those in table 453.

Bureau of Agricultural Economics.

TABLE 455.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1949 (preliminary)

State and division	Marketing <sup>(1)</sup>	Shipped in for feeding and breeding <sup>2</sup>	Farm slaughter	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>4</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>4</sup>	Cost of hogs shipped in for feeding and breeding <sup>2</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	8	25	12,860	2,302	1,914	640	2,554		
New Hampshire.....	2	10	4,920	886	697	281	978		
Vermont.....	2	20	7,710	1,411	984	593	1,577		
Massachusetts.....	21	28	20,937	3,936	3,389	790	4,179		
Rhode Island.....	3	3	2,455	464	416	83	499		
Connecticut.....	25	15	11,895	2,272	2,043	447	2,490		
New York.....	85	2	200	82,801	15,649	11,512	590	12,102	41
New Jersey.....	89	15	31	28,555	5,511	5,477	790	6,267	374
Pennsylvania.....	193		340	225,353	45,521	36,194	11,607	47,801	
North Atlantic.....	426	17	672	397,486	77,952	62,626	15,821	78,447	415
Ohio.....	4,296	7	385	1,159,621	219,168	201,815	16,143	217,958	150
Indiana.....	5,995	21	315	1,684,790	313,371	290,821	12,920	303,741	443
Illinois.....	7,752	67	450	2,255,988	412,846	383,094	18,529	401,623	1,459
Michigan.....	902	22	185	307,240	56,532	49,532	5,719	55,251	438
Wisconsin.....	2,488	4	325	710,008	125,671	115,686	10,814	126,500	77
East North Central.....	21,433	121	1,660	6,117,647	1,127,588	1,040,948	64,125	1,105,073	2,567
Minnesota.....	5,090	21	265	1,441,325	250,791	236,101	13,432	249,533	397
Iowa.....	15,561	118	450	4,368,202	764,435	719,276	18,329	737,605	2,242
Missouri.....	4,918	61	480	1,431,071	264,748	232,113	21,285	253,398	1,098
North Dakota.....	608	7	180	198,948	33,423	28,637	6,124	34,761	115
South Dakota.....	2,217	11	110	586,803	100,930	101,053	4,403	105,456	185
Nebraska.....	3,164	11	195	890,795	160,343	151,375	8,503	159,878	214
Kansas.....	1,303	27	170	406,505	74,390	66,225	7,604	73,829	535
West North Central.....	32,861	256	1,950	9,323,649	1,649,060	1,534,780	79,680	1,614,460	4,786
North Central.....	54,294	377	3,610	15,441,296	2,776,648	2,575,728	143,805	2,719,533	7,353
Delaware.....	17	16	9,055	1,720	1,224	548	1,772		
Maryland.....	174	100	76,241	14,486	10,843	3,800	14,643		
Virginia.....	422	3	525	251,744	47,580	27,826	22,226	50,052	61
West Virginia.....	96	1	170	77,029	14,944	8,530	7,572	16,102	21
North Carolina.....	575	6	750	308,260	56,720	33,418	26,593	60,011	107
South Carolina.....	264	1	370	180,602	33,231	18,819	14,092	32,911	18
Georgia.....	757	1	820	387,664	69,004	41,021	27,915	68,936	17
Florida.....	302	1	220	116,986	20,122	17,514	3,841	21,355	17
South Atlantic.....	2,607	13	2,971	1,407,581	257,807	159,195	106,587	265,782	241
Kentucky.....	1,373	13	450	442,303	84,038	63,556	21,067	84,623	240
Tennessee.....	1,001	17	520	386,354	71,862	47,997	23,706	71,703	376
Alabama.....	650	500	292,985	52,444	33,589	18,639	52,228		
Mississippi.....	242	4	570	199,529	35,117	16,683	19,844	36,527	92
Arkansas.....	585	5	395	252,882	45,519	32,326	13,900	46,226	98
Louisiana.....	477	1	320	168,312	29,455	22,393	7,616	30,009	28
Oklahoma.....	702	36	295	265,619	49,405	37,528	12,593	50,121	651
Texas.....	849	13	765	488,398	91,330	62,092	31,007	93,099	249
South Central.....	5,879	89	3,815	2,496,382	459,170	316,164	148,372	464,536	1,734
Montana.....	119	1	67	62,405	11,545	10,441	2,380	12,821	20
Idaho.....	125	1	52	64,167	12,513	11,105	2,111	13,216	21
Wyoming.....	91	30	29,911	5,773	4,808	1,068	5,876		
Colorado.....	272	70	108,189	20,448	17,404	2,755	20,159		
New Mexico.....	14	31	22,854	4,434	3,205	1,203	4,408		
Arizona.....	2	7	6,516	1,264	1,172	212	1,384		21
Utah.....	20	26	30,360	5,768	5,365	830	6,195		
Nevada.....	91	7	6,610	1,348	1,155	236	1,391		
Washington.....	103	20	76	54,577	10,970	9,787	2,234	12,021	432
Oregon.....	142	11	58	69,406	14,020	13,524	1,687	15,211	239
California.....	627	11	57	178,251	36,541	33,809	1,928	35,737	194
West.....	1,606	45	481	633,246	124,624	111,775	16,644	128,419	927
United States.....	64,812	541	11,549	20,375,991	3,696,201	3,225,488	431,229	3,656,717	10,670

Footnotes 1, 2, 3, and 4 are the same as those in table 453.

Bureau of Agricultural Economics.

TABLE 456.—Hogs: Receipts at 64 public stockyards and direct receipts at interior markets, 1940-49

TOTAL RECEIPTS<sup>1</sup>

Year	Receipts at public stockyards												Direct receipts in interior Iowa and southern Minnesota <sup>2</sup>
	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock Yds.	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>3</sup>	All others report- ing	Total, 64 mar- kets report- ing <sup>3</sup>	
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1940..	5,385	568	447	720	2,062	3,265	1,131	2,960	1,710	18,248	16,308	34,556	10,135
1941..	4,634	488	520	631	1,700	2,896	886	2,559	1,399	15,713	14,946	30,659	9,705
1942..	5,338	685	697	711	2,218	2,982	1,057	3,114	1,629	18,431	15,984	34,415	11,108
1943..	5,792	922	1,057	933	3,024	3,335	1,487	3,705	2,228	22,483	18,594	41,077	11,528
1944..	6,018	1,051	1,092	1,506	3,495	3,456	1,810	3,374	2,486	24,288	20,223	44,511	12,134
1945..	3,516	649	490	504	1,803	1,878	916	1,847	1,355	12,958	12,384	25,342	8,936
1946..	3,541	829	573	675	2,142	1,904	1,203	2,127	1,750	14,745	13,720	28,465	8,914
1947..	3,318	835	681	671	2,400	2,561	1,288	2,310	1,783	15,848	14,105	29,953	12,424
1948..	3,342	897	749	738	2,331	2,681	1,373	2,076	1,812	16,000	14,611	30,611	11,347
1949..	3,425	1,136	584	757	2,573	2,869	1,472	2,637	1,948	17,401	15,717	33,118	13,044

## TRUCK RECEIPTS

1940..	2,669	330	364	688	1,413	2,757	967	2,311	1,422	12,921	10,632	23,553	-----
1941..	2,423	312	432	614	1,023	2,555	761	2,001	1,161	11,282	10,325	21,607	-----
1942..	2,629	494	559	648	1,283	2,647	860	2,317	1,319	12,757	11,120	23,877	-----
1943..	2,563	702	675	724	1,993	2,793	1,091	2,680	1,836	15,057	12,317	27,374	-----
1944..	2,623	712	703	848	2,615	2,774	1,384	2,550	2,213	16,422	13,249	29,671	-----
1945..	1,378	290	237	323	1,121	1,393	733	1,413	1,121	8,009	7,271	15,280	-----
1946..	1,548	301	298	364	1,471	1,276	877	1,766	1,580	9,481	7,798	17,279	-----
1947..	1,713	416	496	478	1,800	2,143	1,002	1,901	1,605	11,554	9,374	20,928	-----
1948..	2,151	369	560	561	1,973	2,395	1,101	1,814	1,737	12,661	9,970	22,631	-----
1949..	2,331	433	496	623	2,255	2,631	1,283	2,327	1,876	14,254	11,137	25,391	-----

<sup>1</sup> Total rail and truck receipts.<sup>2</sup> Rounded total of complete figures.<sup>3</sup> Covers receipts at 16 to 20 concentration yards and 10 or 11 packing plants in interior Iowa and southern Minnesota prior to 1947. Since January 1947, represents receipts at 14 packing plants and 30 concentration yards. Segregated truck receipts are not available.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-39 in Agricultural Statistics, 1941, table 491.

TABLE 457.—Hogs: Number slaughtered, United States, 1930-49

Year	Feder- ally in- spected	Not federally inspected		Total	Year	Feder- ally in- spected <sup>1</sup>	Not federally inspected		Total
		Other whole- sale, and retail	Farm				Other whole- sale, and retail	Farm	
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1930.....	44,266	9,466	13,540	67,272	1940.....	50,398	13,057	14,135	77,610
1931.....	44,772	10,123	14,338	69,233	1941.....	46,520	12,088	12,789	71,397
1932.....	45,245	10,600	15,580	71,425	1942.....	53,897	12,117	12,533	78,547
1933.....	53,637	10,800	15,244	79,681	1943.....	63,431	17,779	14,016	95,226
1934.....	43,876	9,774	15,110	68,760	1944.....	69,017	15,500	13,551	98,068
1935.....	26,057	6,606	13,348	46,011	1945.....	40,960	17,300	13,631	71,891
1936.....	36,055	8,380	14,295	58,730	1946.....	44,394	18,000	13,850	76,244
1937.....	31,642	8,740	13,333	53,715	1947.....	49,116	12,813	12,781	74,701
1938.....	36,186	9,416	13,325	58,927	1948.....	47,615	12,054	12,267	71,936
1939.....	41,368	11,213	13,980	66,561	1949 <sup>2</sup> .....	53,032	10,712	11,549	75,293

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.<sup>2</sup> Includes the 6,410,866 pigs and sows purchased for Government account under the emergency hog production control program during Aug. 18-Oct. 6, 1933.<sup>3</sup> Preliminary.

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TABLE 458.—*Hogs: Number slaughtered under Federal inspection, by stations, 1940-49*<sup>1</sup>

Year	Chicago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	So. St. Paul <sup>6</sup>	All other stations	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1940-----	5,692	356	2,121	2,453	2,072	3,544	1,624	3,175	29,361	50,398
1941-----	4,896	343	1,900	2,055	1,828	3,350	1,370	2,779	27,998	46,520
1942-----	5,580	530	2,399	2,287	2,523	3,945	1,549	3,256	31,827	53,897
1943-----	6,017	761	2,948	2,576	3,154	4,220	2,010	3,856	37,889	63,431
1944-----	6,488	875	3,254	2,802	3,372	4,800	2,190	3,675	41,561	69,017
1945-----	3,760	492	1,558	1,855	1,783	2,570	1,203	1,707	26,032	40,960
1946-----	3,897	505	1,640	1,964	2,040	2,813	1,393	1,945	28,197	44,394
1947-----	4,050	544	2,126	1,685	2,391	3,322	1,524	2,430	31,044	49,116
1948-----	3,715	404	1,842	1,633	2,137	3,565	1,228	2,087	31,003	47,615
1949-----	4,000	519	1,997	1,911	2,549	3,420	1,409	2,707	34,520	57,032

<sup>1</sup>Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

<sup>2</sup>Includes Elburn, Ill.

<sup>3</sup>Includes Jersey City and Newark, N. J.

<sup>4</sup>Includes Lincoln, Nebr.

<sup>5</sup>Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup>Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-39 in Agricultural Statistics, 1941, table 500.

TABLE 459.—*Hogs: Slaughter under Federal inspection, by classes, 1944-49*

Year	Barrows and gilts		Sows		Stags and boars	
	<i>Thousands</i>	<i>Per cent</i>	<i>Thousands</i>	<i>Per cent</i>	<i>Thousands</i>	<i>Per cent</i>
1944-----	59,734	86.6	8,862	12.8	421	0.6
1945-----	36,180	88.3	4,570	11.2	211	.5
1946-----	38,840	87.5	5,255	11.8	299	.7
1947-----	42,190	85.9	6,579	13.4	347	.7
1948-----	41,492	87.1	5,785	12.2	337	.7
1949-----	44,716	84.3	8,005	15.1	310	.6

Production and Marketing Administration.

TABLE 460.—*Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1940-49*<sup>1</sup>

Year beginning October—	Number slaughtered			Average live weight			Average cost per 100 pounds, live weight		
	October-April	May-September	October-September	October-April	May-September	October-September	October-April	May-September	October-September
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1940-----	31,919	16,081	48,000	231	250	238	6.95	10.16	8.08
1941-----	32,538	19,825	52,363	236	254	243	11.56	14.13	12.58
1942-----	34,909	25,073	59,981	249	266	256	14.51	13.91	14.25
1943-----	48,143	25,199	73,342	244	247	245	13.41	13.21	13.34
1944-----	30,250	13,637	43,888	244	285	257	14.30	14.52	14.38
1945-----	29,319	13,609	42,928	257	265	260	14.63	17.16	15.45
1946-----	30,445	16,619	47,064	250	270	257	23.95	23.41	23.75
1947-----	31,619	16,117	47,736	244	265	251	24.73	24.50	24.65
1948-----	33,277	17,928	51,204	246	258	250	20.98	19.15	20.32
1949-----	36,811	-----	-----	238	-----	-----	16.05	-----	-----

<sup>1</sup>Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

Production and Marketing Administration. Data for 1937-39 in Agricultural Statistics, 1941, table 498.

In recent years the packer-style carcass weight of hogs has averaged about 68 percent of the live weight, and in 1949 pork, excluding lard, averaged 56 percent of live weight.



TABLE 461.—*Hogs: Number slaughtered commercially and total live weight, 1948 and 1949, and average live weight, 1949, by States<sup>1</sup>*

State	Number slaughtered		Total live weight		Average live weight 1949
	1948	1949	1948	1949	
	<i>Head</i>	<i>Head</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Pounds</i>
New England.....	793,500	820,200	205,705	205,835	251
New York.....	1,568,000	1,599,000	303,711	312,249	195
New Jersey.....	844,000	1,122,000	176,467	235,812	210
Pennsylvania.....	2,497,000	2,429,000	565,041	532,103	219
Ohio.....	3,398,000	3,273,000	785,070	737,901	225
Indiana.....	2,912,000	3,298,000	715,430	805,546	244
Illinois.....	6,848,000	7,049,000	1,757,995	1,791,386	254
Michigan.....	1,654,000	1,542,000	415,477	368,215	239
Wisconsin.....	2,495,000	2,427,000	638,914	604,355	249
Minnesota.....	4,645,000	5,453,000	1,248,992	1,424,132	261
Iowa.....	8,008,000	9,841,000	2,183,039	2,581,188	262
Missouri.....	3,352,000	3,118,000	839,504	764,545	245
North Dakota.....	256,500	283,700	68,954	74,429	262
South Dakota.....	1,926,000	2,000,000	524,624	529,805	265
Nebraska.....	2,255,000	2,649,000	621,772	707,284	267
Kansas.....	2,720,000	3,176,000	696,006	788,469	248
Delaware and Maryland <sup>2</sup> .....	1,018,300	955,400	225,582	205,702	215
Virginia.....	776,000	849,000	162,518	176,648	208
West Virginia.....	138,900	112,900	33,401	26,580	235
North Carolina.....	357,000	335,000	78,267	75,414	225
South Carolina.....	447,000	324,000	97,965	67,460	208
Georgia.....	1,236,000	1,215,000	237,039	235,850	194
Florida.....	420,300	374,500	64,695	60,668	162
Kentucky.....	608,000	700,000	137,958	155,326	222
Tennessee.....	972,000	1,100,000	215,753	242,577	221
Alabama.....	528,000	497,000	108,887	105,585	212
Mississippi.....	187,700	155,500	41,049	34,001	219
Arkansas.....	196,300	170,900	43,356	36,572	214
Louisiana.....	219,600	181,700	43,442	34,842	192
Oklahoma.....	881,000	816,000	203,893	185,617	227
Texas.....	1,621,000	1,379,000	377,776	316,800	230
Montana.....	161,200	183,200	38,805	43,132	235
Idaho.....	104,200	146,000	23,875	31,633	217
Wyoming.....	18,200	13,900	4,558	3,319	239
Colorado.....	536,000	671,000	137,580	166,993	249
New Mexico.....	40,000	51,700	9,047	11,955	231
Arizona.....	101,000	122,800	22,934	27,262	222
Utah.....	180,600	250,000	42,469	56,701	227
Nevada.....	22,700	26,300	5,215	5,882	224
Washington.....	597,000	667,000	139,269	152,006	228
Oregon.....	340,000	382,000	79,036	86,431	226
California.....	1,789,000	1,984,000	428,644	463,570	234
United States.....	59,669,000	63,743,700	14,749,714	15,471,780	243

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter. <sup>2</sup> Includes the District of Columbia.

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TABLE 462.—*Hogs: Slaughter (commercial or inspected) in specified countries, averages 1934-38 and 1941-45, annual 1946-49*

Continent and country	Average		1946	1947	1948	1949 <sup>1</sup>
	1934-38	1941-45				
North America:	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Canada <sup>2</sup>	3,239	6,819	4,254	4,452	4,488	4,099
Mexico <sup>3</sup>	1,280	1,516	1,777	1,880	1,878	1,820
United States:						
Inspected	34,673	54,765	44,394	49,116	47,615	53,032
Total	57,229	83,026	76,244	74,710	71,936	75,293
Cuba <sup>4</sup>	270		400	385	530	425
Europe:						
Austria <sup>5</sup>	<sup>6</sup> 1,798		633	892	885	796
Belgium <sup>5</sup>	1,949	339	568	609	993	1,631
Bulgaria <sup>4</sup>	134	69	24	23		
Czechoslovakia <sup>5</sup>	<sup>6</sup> 3,644		1,736	2,572	2,145	2,755
Denmark <sup>4</sup>	4,355	1,827	2,043	2,031	1,603	2,915
Finland <sup>2</sup>	<sup>9</sup> 216					
Germany Bizone <sup>4</sup>	<sup>7</sup> 6,500		402	512	176	500
Hungary <sup>4</sup>	1,434			86		
Ireland <sup>4</sup>	<sup>7</sup> 1,119	441	467	450	384	515
Netherlands <sup>5</sup>	2,133		1,003	1,068	1,057	1,500
Norway <sup>2</sup>	333		28	86	55	204
Poland <sup>2</sup>	<sup>6</sup> 6,100		1,247	2,811	4,177	4,200
Portugal <sup>2</sup>	<sup>8</sup> 225	261	214	258	339	425
Rumania <sup>4</sup>	<sup>8</sup> 777		82			
Spain <sup>10</sup>	<sup>11</sup> 397	135	76	102		
Sweden <sup>4</sup>	1,396	878	1,054	1,037	1,158	1,536
Switzerland <sup>2</sup>	793	285	271	317	499	640
United Kingdom <sup>4</sup> <sup>12</sup>	<sup>7</sup> 5,633	1,742	1,435	801	1,041	1,957
Yugoslavia <sup>4</sup>	661					
Asia:						
Japan <sup>4</sup>	1,150	281	57	96	238	304
Philippine Islands <sup>4</sup>	795		387	616	716	750
South America:						
Argentina <sup>2</sup>	1,240	2,842	2,213	873	1,122	1,434
Brazil <sup>4</sup>	2,960	4,604	5,421	5,256	5,094	5,500
Colombia <sup>4</sup>	594	632	665	613	619	620
Uruguay <sup>4</sup>	86	115	166	132	157	118
Africa:						
Union of South Africa <sup>4</sup>	251	525	499	481	619	800
Oceania:						
Australia <sup>4</sup>	<sup>8</sup> 1,912	2,078	1,646	1,524	1,614	1,675
New Zealand <sup>4</sup>	<sup>13</sup> 968	<sup>13</sup> 782	619	614	643	662

<sup>1</sup> Preliminary.<sup>2</sup> Inspected slaughter.<sup>3</sup> Total slaughter.<sup>4</sup> Commercial slaughter.<sup>5</sup> Total official slaughter.<sup>6</sup> Year 1936 only for Czechoslovakia, year 1938 only for Poland, and year 1939 only for Rumania and Austria.<sup>7</sup> Average for 4 years only.<sup>8</sup> Year beginning June 1 for Ireland and July 1 for Australia.<sup>9</sup> Average for 3 years only.<sup>10</sup> Slaughter in provincial capitals.<sup>11</sup> Average for years 1931-35.<sup>12</sup> Great Britain only.<sup>13</sup> Year ending September 30.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States Foreign Service reports, and other information. Data relate to present boundaries, unless otherwise noted.

TABLE 463.—*Hogs: Average weight and cost of packer and shipper purchases, by classes, at Chicago, and at 7 markets combined, 1944-50*

Season	Chicago							Seven markets combined <sup>1</sup>						
	Average live weight			Average cost per 100 pounds (live weight)			Number of sows as percentage of total	Average live weight			Average cost per 100 pounds (live weight)			Number of sows as percentage of total
	Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases		Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases	
October-April:	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Pct.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Pct.</i>
1944-45.....	238	400	248	14.53	13.94	14.47	6	237	390	247	14.35	13.73	14.28	7
1945-46.....	253	434	264	14.80	14.02	14.73	6	252	420	262	14.60	13.84	14.52	6
1946-47.....	245	432	258	24.16	21.38	23.84	7	245	417	255	24.23	21.54	23.97	6
1947-48.....	250	422	261	24.33	23.09	24.20	7	241	402	251	24.41	23.47	24.32	6
1948-49.....	246	422	258	21.12	18.55	20.85	6	243	423	253	21.01	18.74	20.80	6
1949-50.....	240	428	255	16.21	14.36	15.95	8	232	420	244	16.16	14.29	15.96	6
May-September:														
1945.....	276	415	295	14.75	14.00	14.60	14	272	391	292	14.57	13.79	14.40	16
1946.....	244	382	279	17.37	18.33	17.70	25	246	359	273	16.84	18.13	17.25	24
1947.....	259	387	298	24.62	21.18	23.21	30	252	373	285	24.39	21.30	23.28	28
1948.....	202	370	289	24.06	23.54	23.89	25	256	364	282	24.26	23.26	23.95	24
1949.....	241	377	292	20.44	17.22	18.87	38	230	372	270	20.31	16.99	19.01	28
October-September:														
1944-45.....	248	407	261	14.59	13.97	14.51	8	246	390	259	14.41	13.76	14.32	9
1945-46.....	251	399	269	15.49	16.79	15.73	12	250	380	266	15.20	16.50	15.42	12
1946-47.....	250	399	273	24.27	21.24	23.58	16	248	383	268	24.29	21.36	23.67	15
1947-48.....	254	386	271	24.24	23.38	24.08	13	246	376	262	24.36	23.33	24.17	13
1948-49.....	245	391	270	20.93	17.54	20.07	18	239	385	259	20.81	17.48	20.12	14

<sup>1</sup> Chicago, St. Louis National Stock Yards, Kansas City, Omaha, Sioux City, South St. Joseph, and South St. Paul.

Production and Marketing Administration.

TABLE 464.—*Hog-corn price ratio, and average price received by farmers for corn, North Central States and United States, average 1929-48, annual 1940-49*

Year	Hog-corn price ratio <sup>1</sup>		Price of corn, per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn, per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			<i>Cents</i>	<i>Cents</i>				<i>Cents</i>	<i>Cents</i>
1929-48 average.....	12.3	13.3	86.5	81.9	1945.....	12.8	13.8	110	102
1940.....	9.2	9.9	59.0	54.8	1946.....	12.6	13.3	141	134
1941.....	14.2	14.9	64.3	61.6	1947.....	13.6	13.9	187	185
1942.....	16.5	17.6	79.4	75.3	1948.....	13.0	13.2	188	186
1943.....	13.6	14.6	103.0	96.2	1949.....	15.7	16.1	117	113
1944.....	11.6	12.7	113	104					

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is straight average of monthly ratios.

<sup>2</sup> Straight average of monthly prices.

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TABLE 465.—*Pork and lard: Wholesale price per 100 pounds, Chicago, 1940-49*<sup>1</sup>

Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1, 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1, 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons	Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1, 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1, 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1940-----	14.75	18.06	16.20	6.39	1945-----	24.75	28.25	25.00	15.55
1941-----	20.06	24.88	23.47	10.06	1946-----	33.65	37.30	34.80	23.60
1942-----	26.63	31.38	27.84	14.48	1947-----	50.90	57.20	60.33	25.60
1943-----	26.08	30.12	26.39	15.55	1948-----	53.70	57.78	58.47	24.38
1944-----	24.75	28.25	25.00	15.55	1949-----	47.26	52.72	47.98	15.08

<sup>1</sup> Prices calculated from mean of daily range of quotations.

Production and Marketing Administration.

TABLE 466.—*Lard futures: Volume of trading, annual average of month-end open contracts, and highest and lowest prices per pound, Chicago Board of Trade,*<sup>1</sup>  
*1940-49*

Year	Volume of trading	Average of open contracts	Price		Year	Volume of trading	Average of open contracts	Price	
			Highest	Lowest				Highest	Lowest
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Cents</i>	<i>Cents</i>		<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Cents</i>	<i>Cents</i>
1940-----	1,604.0	7.275	7.275	4.05	1945-----	0.6	0.2	13.80	13.40
1941-----	3,314.3	<sup>2</sup> 146.7	13.125	4.375	1946-----	8.6	.8	25.00	14.05
1942-----	240.4	14.8	13.80	10.00	1947-----	1,318.7	41.0	30.75	16.35
1943-----	.5	( <sup>3</sup> )	13.80	13.15	1948-----	3,986.5	92.8	29.00	16.30
1944-----	.1	( <sup>3</sup> )	13.60	13.60	1949-----	2,131.6	60.9	16.82	9.12

<sup>1</sup> Only market trading in lard futures.<sup>2</sup> Revised. 10-month average. Figures in Agricultural Statistics for 1948 and 1949 included only clearing house open contracts prior to Mar. 17, 1941.<sup>3</sup> Less than 50,000 pounds.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members; prices, and trading data prior to Mar. 17, 1941, compiled from records of the Chicago Board of Trade.

TABLE 467.—*Lard, including rendered pork fat: Production, trade, stocks Dec. 31, and disappearance, United States, 1930-49*

Year	Production			Imports for consumption	Foreign trade			Stocks, Dec. 31	Domestic disappearance		
	Federally inspected	Other	Total		Exports	Shipments to United States territories	Total net exports and shipments		Use in shortening, margarine, and nonfood products	Use as lard	Use as lard, per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Lb.
1930.....	1,521,000	706,000	2,227,000	2	656,018	18,222	674,238	51,434	124,905	1,559,000	12.6
1931.....	1,554,000	753,000	2,307,000	3	578,296	22,547	600,840	51,224	18,960	1,687,000	13.5
1932.....	1,573,000	807,000	2,380,000	8	552,154	23,735	575,881	41,088	15,391	1,799,000	14.3
1933.....	1,679,000	796,000	2,475,000	1	584,238	27,523	611,760	132,510	12,675	1,759,000	13.9
1934.....	1,341,000	750,000	2,091,000	(?)	434,892	22,840	457,732	118,107	10,423	1,637,000	12.9
1935.....	662,000	614,000	1,276,000	37	97,359	17,727	115,049	52,718	5,526	1,221,000	9.5
1936.....	992,000	687,000	1,679,000	3	112,168	24,865	137,030	145,809	6,848	1,442,000	11.2
1937.....	759,000	672,000	1,431,000	247	136,778	25,968	162,499	53,693	2,926	1,358,000	10.5
1938.....	1,034,000	694,000	1,728,000	2	204,603	29,459	234,060	107,421	4,407	1,436,000	11.0
1939.....	1,272,000	765,000	2,037,000	1	277,272	33,649	310,920	162,105	8,936	1,662,000	12.6
1940.....	1,527,000	761,000	2,288,000	(?)	201,314	30,799	232,113	294,069	22,934	1,901,000	14.3
1941.....	1,526,000	702,000	2,228,000	1	392,870	30,637	423,506	198,529	59,546	1,840,000	13.7
1942.....	1,724,000	676,000	2,401,000	388	651,589	32,800	684,001	100,911	71,005	1,735,000	12.8
1943.....	2,080,000	785,000	2,865,000	757	757,011	38,913	795,167	200,203	140,594	1,742,000	12.7
1944.....	2,367,000	687,000	3,054,000	206	901,666	35,590	937,050	377,853	240,663	1,716,000	12.4
1945.....	1,311,000	755,000	2,066,000	243	650,732	21,416	671,905	91,588	112,094	1,610,000	11.5
1946.....	1,344,000	794,000	2,138,000	7	450,584	39,220	489,797	109,892	24,391	1,610,000	11.6
1947.....	1,722,000	704,000	2,426,000	2	383,001	33,866	416,865	166,575	111,253	1,841,000	12.7
1948.....	1,680,000	676,000	2,356,000	1	277,389	49,721	327,109	173,263	122,375	1,900,000	12.9
1949 <sup>a</sup> .....	1,923,000	629,000	2,552,000	2	616,398	49,522	665,918	130,585	153,737	1,775,000	11.8

<sup>1</sup> Use in margarine and shortening only; use in nonfood products not reported but probably was negligible.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> Includes production in war-duration or "Fulmer" plants.

<sup>4</sup> Includes United States Department of Agriculture shipments to United States territories.

<sup>5</sup> Adjusted for changes in stocks held outside reported positions by United States Department of Agriculture.

<sup>6</sup> Includes 19,936,000 pounds of lard in tushonka in 1943, 20,112,000 pounds in 1944, 17,355,000 pounds in 1945, and 6,777,000 pounds in 1946.

<sup>7</sup> Shipments to Puerto Rico and Virgin Islands only, beginning April 1948.

<sup>a</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production, 1930-49, and stocks, 1930-40, from U. S. Department of Agriculture. Stocks, 1941-49, Bureau of the Census. Trade figures, from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census and U. S. Department of Agriculture. Use in shortening, margarine, and nonfood products, Bureau of the Census and Bureau of Internal Revenue. Disappearance computed from data on production, trade, and stocks. Per capita disappearance based on use as lard and July 1 population, including military personnel. Totals and per capita estimates computed from unrounded numbers.

TABLE 468.—*Sheep and lambs: Number on farms, and value, United States, Jan. 1, 1930-50*

Year	All sheep			Stock sheep			Sheep on feed		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
		Thou- sands	Dollars		Thou- sands	Dollars		Thou- sands	Dollars
1930 <sup>1</sup>				41,780					
1930	51,565	8.93	460,404	45,577	9.00	410,290	5,988	8.37	50,114
1931	53,233	5.35	284,724	47,720	5.40	257,742	5,513	4.89	26,982
1932	53,902	3.40	183,314	47,682	3.44	164,246	6,220	3.05	18,989
1933	53,054	2.91	154,157	47,303	2.91	137,671	5,751	2.86	16,440
1934	53,503	3.78	202,437	48,244	3.77	181,718	5,259	3.93	20,667
1935 <sup>1</sup>				48,568					
1935	51,808	4.31	223,162	46,139	4.33	199,705	5,669	4.17	23,619
1936	51,136	6.38	326,435	45,435	6.35	288,326	5,701	6.68	38,109
1937	50,848	6.00	305,262	45,251	6.02	272,399	5,597	5.87	32,863
1938	51,063	6.11	311,933	44,972	6.13	275,560	6,091	5.97	36,373
1939	51,348	5.74	294,809	45,463	5.74	261,054	5,885	5.74	33,755
1940 <sup>1</sup>				40,129					
1940	52,107	6.31	328,742	46,266	6.35	293,718	5,841	6.00	35,024
1941	53,920	6.73	362,804	47,441	6.77	321,304	6,479	6.41	41,500
1942	56,213	8.60	483,589	49,346	8.66	427,198	6,867	8.21	56,391
1943	55,150	9.66	533,023	48,196	9.68	466,416	6,954	9.58	66,607
1944	50,782	8.71	442,199	44,270	8.68	384,173	6,512	8.91	58,026
1945 <sup>1</sup>				41,224					
1945	46,520	8.57	398,730	39,609	8.45	334,753	6,911	9.26	63,977
1946	42,436	9.69	411,265	35,599	9.57	340,841	6,837	10.30	70,424
1947	37,818	12.60	477,296	32,125	12.20	393,440	5,693	14.70	83,856
1948	34,827	15.40	534,679	29,976	15.00	448,851	4,851	17.70	85,828
1949	31,654	17.20	543,862	27,651	17.00	470,460	4,003	18.30	73,402
1950 <sup>2</sup>	30,797	17.80	548,248	27,064	17.80	480,641	3,733	18.10	67,607

<sup>1</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. Figures for 1930 and 1940 exclude spring-born lambs.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 539.

TABLE 469.—*Sheep and lambs: Number on farms, by classes, United States, Jan. 1, 1930-50*

Year	All sheep	On feed	Stock sheep					
			Total	Lambs		1 year and over		
				Ewes	Wethers and rams	Ewes	Rams	Wethers
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	51,565	5,988	45,577	7,274	1,258	34,614	1,233	1,198
1931	53,233	5,513	47,720	7,205	1,371	36,514	1,288	1,342
1932	53,902	6,220	47,682	6,863	1,349	37,095	1,315	1,060
1933	53,054	5,751	47,303	6,635	1,218	37,012	1,318	1,120
1934	53,503	5,259	48,244	7,455	1,360	37,042	1,322	1,065
1935	51,808	5,669	46,139	7,357	1,196	35,285	1,315	986
1936	51,136	5,701	45,435	6,475	1,127	35,555	1,305	973
1937	50,848	5,597	45,251	6,774	1,697	34,574	1,265	941
1938	51,063	6,091	44,972	6,559	1,493	34,710	1,281	929
1939	51,348	5,885	45,463	6,910	1,474	34,833	1,294	952
1940	52,107	5,841	46,266	6,931	1,398	35,707	1,325	905
1941	53,920	6,479	47,441	7,345	1,422	36,419	1,379	876
1942	56,213	6,867	49,346	7,864	1,778	37,361	1,446	897
1943	55,150	6,954	48,196	6,928	1,643	37,303	1,434	888
1944	50,782	6,512	44,270	6,142	1,951	33,991	1,345	841
1945	46,520	6,911	39,609	4,782	1,513	31,280	1,264	770
1946	42,436	6,837	35,599	4,773	1,533	27,680	1,100	513
1947	37,818	5,693	32,125	4,243	1,418	25,048	1,004	412
1948	34,827	4,851	29,976	4,134	1,130	23,408	918	377
1949	31,654	4,003	27,651	3,938	988	21,525	850	350
1950 <sup>1</sup>	30,797	3,733	27,064	4,061	1,132	20,718	821	332

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 470.—*Stock sheep and lambs: Number on farms and value, by States, Jan. 1, average 1939-48, annual 1949 and 1950*

State and division	Number			Farm value					
	Average 1939-48	1949	1950 <sup>1</sup>	Value per head			Total value		
				Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	38	21	22	8.13	13.20	13.20	292	277	290
New Hampshire.....	9	7	7	9.34	14.50	14.70	86	102	103
Vermont.....	18	12	12	9.07	14.20	14.30	154	170	172
Massachusetts.....	8	8	8	9.65	14.50	14.60	78	116	117
Rhode Island.....	2	2	2	9.25	14.00	14.00	18	28	28
Connecticut.....	6	6	6	9.26	14.00	14.00	54	84	84
New York.....	265	161	158	9.94	17.60	19.10	2,515	2,834	3,018
New Jersey.....	8	9	10	10.40	18.60	18.50	80	167	185
Pennsylvania.....	323	228	217	7.88	15.00	13.80	2,436	3,420	2,995
North Atlantic.....	676	454	442	8.82	15.90	15.80	5,713	7,198	6,992
Ohio.....	1,614	979	930	8.56	15.50	15.30	13,070	15,174	14,229
Indiana.....	575	359	370	10.50	17.90	17.30	5,773	6,426	6,401
Illinois.....	566	396	396	10.70	19.40	18.20	5,888	7,682	7,207
Michigan.....	672	343	336	9.64	16.10	18.50	6,083	5,522	6,216
Wisconsin.....	341	205	195	10.10	17.80	18.50	3,270	3,649	3,608
East North Central.....	3,768	2,282	2,227	9.52	16.90	16.90	34,083	38,453	37,661
Minnesota.....	992	577	554	9.70	16.20	17.00	9,239	9,347	9,418
Iowa.....	1,105	617	605	10.60	17.40	17.40	11,188	10,736	10,527
Missouri.....	1,364	1,054	1,054	9.59	16.50	16.30	12,707	17,391	17,180
North Dakota.....	793	380	346	9.53	16.10	15.90	7,165	6,118	5,501
South Dakota.....	1,514	789	721	9.62	17.60	17.90	13,969	13,413	12,906
Nebraska.....	308	179	168	9.32	15.00	16.60	2,721	2,685	2,789
Kansas.....	514	311	336	8.86	14.90	16.60	4,402	4,634	5,578
West North Central.....	6,591	3,907	3,784	9.69	16.50	16.90	61,391	64,324	63,899
North Central.....	10,358	6,189	6,011	9.64	16.60	16.90	95,474	102,777	101,560
Delaware.....	2	2	2	9.60	18.00	18.50	19	36	37
Maryland.....	55	45	47	10.10	18.20	18.40	536	819	865
Virginia.....	344	282	293	10.50	18.50	20.20	3,518	5,217	5,919
West Virginia.....	404	302	296	8.77	18.50	17.30	3,343	5,587	5,121
North Carolina.....	48	35	40	9.36	17.20	18.10	432	602	724
South Carolina.....	6	4	3	6.01	11.70	10.70	32	47	32
Georgia.....	18	14	13	5.52	9.30	9.80	95	130	127
Florida.....	20	13	12	4.96	7.90	8.30	93	103	100
South Atlantic.....	897	697	706	9.40	18.00	18.30	8,069	12,541	12,925
Kentucky.....	947	707	700	11.20	21.10	20.90	10,299	14,918	14,630
Tennessee.....	365	270	265	9.75	16.20	17.20	3,476	4,374	4,558
Alabama.....	34	23	22	5.96	10.70	10.70	192	246	235
Mississippi.....	81	100	104	4.36	7.20	8.00	367	720	832
Arkansas.....	89	58	51	7.26	11.90	11.70	620	690	597
Louisiana.....	244	127	140	4.20	6.60	7.90	994	838	1,106
Oklahoma.....	245	101	105	7.97	13.80	14.50	1,794	1,394	1,522
Texas.....	9,347	6,508	6,703	6.88	12.90	15.40	62,959	83,953	103,226
South Central.....	11,353	7,894	8,090	7.27	13.60	15.70	80,701	107,133	126,706
Montana.....	3,033	1,865	1,623	9.93	18.70	19.40	28,861	34,876	31,486
Idaho.....	1,519	1,053	990	11.30	21.70	21.40	16,138	22,850	21,186
Wyoming.....	3,084	1,980	1,980	9.87	18.30	18.50	29,373	36,234	36,630
Colorado.....	1,620	1,210	1,186	10.60	20.60	21.30	16,635	24,926	25,262
New Mexico.....	1,888	1,393	1,364	8.40	17.10	18.90	15,293	23,820	25,780
Arizona.....	624	390	382	8.14	18.00	17.80	4,777	7,020	6,800
Utah.....	1,854	1,381	1,284	10.40	20.30	20.40	18,674	28,034	26,194
Nevada.....	627	463	435	10.40	20.50	20.40	6,255	9,492	8,874
Washington.....	496	324	298	10.40	18.80	18.50	4,912	6,091	5,513
Oregon.....	1,259	706	671	9.72	19.50	18.20	11,323	13,767	12,212
California.....	2,542	1,652	1,602	10.30	20.40	20.30	24,977	33,701	32,521
Western.....	18,545	12,417	11,815	9.99	19.40	19.70	177,218	240,811	232,458
United States.....	41,829	27,651	27,064	9.11	17.00	17.80	367,175	470,460	480,641

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 471.—*Sheep and lambs on feed: Number, by States, Jan. 1, average 1939-48, annual 1945-50, and total farm value, by States, Jan. 1, average 1939-48, annual 1949 and 1950*

State and division	Number <sup>1</sup>							Total farm value		
	Average 1939-48	1945	1946	1947	1948	1949	1950 <sup>2</sup>	Average 1939-48	1949	1950 <sup>2</sup>
	Thou- sands 41	Thou- sands 36	Thou- sands 37	Thou- sands 35	Thou- sands 25	Thou- sands 25	Thou- sands 20	1,000 dollars 381	1,000 dollars 450	1,000 dollars 360
New York.....										
North Atlantic.....	41	36	37	35	25	25	20	381	450	360
Ohio.....	344	315	330	297	267	265	265	2,940	4,505	4,240
Indiana.....	167	136	197	129	170	112	84	1,761	2,240	1,512
Illinois.....	248	244	271	210	242	180	189	2,563	3,420	3,402
Michigan.....	190	160	135	95	95	85	89	1,736	1,615	1,691
Wisconsin.....	87	95	100	90	66	55	72	939	1,045	1,368
East North Central.....	1,036	950	1,033	821	840	697	699	9,939	12,825	12,213
Minnesota.....	282	310	340	231	210	170	178	2,794	3,400	3,382
Iowa.....	582	703	647	600	450	382	344	5,935	6,876	6,192
Missouri.....	197	250	202	200	160	165	140	1,806	2,805	2,240
North Dakota.....	130	165	168	100	80	52	42	1,332	988	756
South Dakota.....	315	440	410	299	191	153	153	3,005	2,754	2,907
Nebraska.....	703	801	768	538	610	550	420	7,129	9,900	7,560
Kansas.....	612	900	815	1,004	382	351	450	6,251	6,318	8,100
West North Central.....	2,821	3,569	3,350	2,972	2,083	1,823	1,727	28,252	33,041	31,137
North Central.....	3,857	4,519	4,383	3,793	2,923	2,520	2,426	38,191	45,866	43,350
Oklahoma.....	60	60	60	70	25	30	50	485	480	800
Texas.....	196	200	175	215	100	105	118	1,102	1,260	1,652
South Central.....	256	260	235	285	125	135	168	1,587	1,740	2,452
Montana.....	337	428	405	280	245	216	112	2,985	4,104	2,128
Idaho.....	174	140	150	135	115	115	75	1,654	2,300	1,500
Wyoming.....	239	240	242	175	165	90	83	2,017	1,530	1,494
Colorado.....	853	840	805	520	675	520	545	8,010	10,400	10,900
New Mexico.....	98	58	52	26	44	30	28	623	450	448
Arizona.....	20	10	40	32	55	15	10	174	240	150
Utah.....	144	140	160	115	140	81	48	1,334	1,458	912
Nevada.....	19	16	18	18	22	15	7	187	285	133
Washington.....	45	44	50	46	41	27	26	450	513	468
Oregon.....	45	38	40	28	20	16	18	369	304	306
California.....	156	142	220	205	256	198	167	1,577	3,762	3,006
Western.....	2,130	2,096	2,182	1,580	1,778	1,323	1,119	19,380	25,346	21,445
United States.....	6,284	6,911	6,837	5,093	4,851	4,003	3,733	59,539	73,402	67,607

<sup>1</sup> Includes sheep and lambs in commercial feed lots on feed for market.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 472.—*Sheep: Number in specified countries, averages 1936-40 and 1941-45, annual 1946-49*

Continent and country	Month of estimate <sup>1</sup>	Average		1946	1947	1948	1949 <sup>2</sup>
		1936-40	1941-45				
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
North America:							
Canada.....	Dec. 1 <sup>1</sup>	2,651	2,710	2,456	1,782	1,587	1,322
Guatemala.....	July.....	273	306			1,618	
Mexico.....	Dec. 31 <sup>1</sup>	<sup>4</sup> 4,809	<sup>3</sup> 4,632				5,100
United States.....	Jan. 1	51,404	52,517	42,436	37,818	34,827	31,654
Estimated total.....		59,700	60,800	51,300	46,100	42,800	39,200
Europe:							
Albania.....		<sup>3</sup> 1,576		1,700			
Austria.....	Dec. 1 <sup>1</sup>	<sup>3</sup> 316	400	391		474	454
Belgium.....	Jan. 1	<sup>4</sup> 187	193	177	399	107	155
Bulgaria.....	Dec. 31 <sup>1</sup>	8,746	8,782	7,800	8,784		
Czechoslovakia.....	Jan. 1	<sup>2</sup> 492	511	510	491	386	459
Denmark.....	July 15	<sup>4</sup> 147	<sup>3</sup> 198	170	91	77	67
Finland.....	Mar. 1	<sup>6</sup> 1,007	833	1,099	982	999	1,067
France <sup>7</sup> .....	Fall <sup>1</sup>	9,648	7,162	6,632	7,259	7,406	7,610
Germany <sup>8</sup> .....	Dec. 1 <sup>1</sup>	<sup>3</sup> 3,729	4,050	3,010	3,000	3,040	3,220
Greece.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 8,304		6,262	7,205	7,056	6,631
Hungary.....	Spring.....	1,490	1,207	<sup>7</sup> 370	<sup>7</sup> 488	<sup>7</sup> 590	650
Iceland.....	Spring.....	624	595	511		1,505	1,470
Ireland.....	June.....	3,076	2,681	2,423	2,094	2,058	2,182
Italy.....	July.....	<sup>4</sup> 9,350	8,400	8,600	8,800	9,190	10,100
Netherlands.....	May.....	636	496	558	460	425	464
Norway.....	June.....	1,742	1,715	1,707	1,698	1,629	1,808
Poland.....	June 30	<sup>4</sup> 1,941		<sup>7</sup> 759	<sup>7</sup> 983	1,406	
Portugal.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 3,948	3,800	3,900	4,000	4,000	
Rumania.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 10,176		6,799	7,100		
Spain.....	Dec. 31 <sup>1</sup>	<sup>4</sup> 20,000	<sup>3</sup> 23,509	20,183			22,000
Sweden.....	Summer.....	398	486	482	421	349	313
Switzerland.....	April.....	<sup>3</sup> 177	200	195	182	170	
United Kingdom.....	June.....	26,112	20,881	20,358	16,713	18,164	19,493
Yugoslavia.....	Dec. 31 <sup>1</sup>	9,796					
Estimated total.....		123,800	113,100	101,700	102,200	106,200	111,200
U. S. S. R. (Europe and Asia).....	Jan. 1	<sup>4</sup> 66,000		61,100	60,800	64,800	74,000
Asia:							
Cyprus <sup>10</sup> .....	March.....	300	303	315	313	291	
Iran.....	Mar. 21	14,497	13,854	12,950	13,190	13,200	11,100
Iraq.....	Jan. 1	<sup>3</sup> 7,090	<sup>3</sup> 6,719	8,000			9,100
Syria.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 2,060	2,539	3,091	3,260	3,176	2,935
Trans-Jordan.....		216	293				
Turkey.....	Dec. 31 <sup>1</sup>	21,656	23,641	23,386	23,528	24,496	25,500
China <sup>11</sup> .....	May.....	26,000	22,000	20,000	22,000		
India.....	Jan. 1	<sup>4</sup> 41,000	<sup>4</sup> 38,000				
Indonesia.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 1,614			1,610		
Pakistan.....	Jan. 1	<sup>4</sup> 8,000	<sup>4</sup> 6,000			6,150	
Estimated total.....		152,600	145,300	144,300	147,700	148,200	147,600
South America:							
Argentina.....	July.....	<sup>3</sup> 44,900	<sup>3</sup> 52,288	55,000	<sup>12</sup> 54,000	53,500	48,000
Bolivia.....	Dec. 31 <sup>1</sup>	<sup>4</sup> 2,608	<sup>3</sup> 3,987		4,289	4,534	4,195
Brazil.....		<sup>3</sup> 11,438	11,346	15,542	16,000	16,000	
Chile.....	June.....	<sup>3</sup> 5,855	<sup>3</sup> 6,057	5,900	6,000	6,328	6,300
Colombia.....	Dec. 31 <sup>1</sup>	916	1,240	1,168		1,013	1,061
Ecuador.....			<sup>3</sup> 1,400			1,802	
Paraguay.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 159	<sup>3</sup> 203	255			252
Peru.....		<sup>4</sup> 14,900	16,200	17,288		<sup>1</sup> 17,288	
Uruguay.....	May.....	<sup>4</sup> 17,931	<sup>4</sup> 20,289	19,559		22,000	25,000
Estimated total.....		100,900	113,700	121,100	122,300	123,500	120,600

See footnotes at end of table.

TABLE 472.—*Sheep: Number in specified countries, averages 1936-40 and 1941-45, annual 1946-49—Continued*

Continent and country	Month of estimate <sup>1</sup>	Average		1946	1947	1948	1949 <sup>2</sup>
		1936-40	1941-45				
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Africa:							
Algeria <sup>10</sup>	Nov. 1 <sup>1</sup>	6,180	6,071	5,376		3,145	3,105
Anglo-Egyptian Sudan		<sup>3</sup> 2,500			4,800		
Kenya		<sup>3</sup> 3,274	<sup>3</sup> 3,148	3,160	3,232	3,300	
Tanganyika	Dec. 31 <sup>1</sup>	1,780	2,001	2,216	2,366	2,316	
Uganda	Mar. 31	1,285	1,007		1,008	1,037	
Basutoland		1,443	<sup>4</sup> 1,545		1,703		
Egypt	June	<sup>3</sup> 1,771	<sup>3</sup> 1,350			1,400	1,200
French Morocco <sup>10</sup>	Dec. 31 <sup>1</sup>	9,976	12,172	8,620	6,031	7,423	8,474
French West Africa and Togo		<sup>3</sup> 8,674	8,260			9,100	
Madagascar <sup>10</sup>	Dec. 31 <sup>1</sup>	193	202	161	156	158	177
Mozambique	Dec. 31 <sup>1</sup>	84	67	56	58	65	64
Northern Rhodesia	Dec. 31 <sup>1</sup>	36	29	34	35	38	36
Southern Rhodesia	Dec. 31 <sup>1</sup>	310	305	330	325	286	302
South West Africa		<sup>3</sup> 2,972	<sup>4</sup> 3,534				
Spanish Morocco <sup>10</sup>		481	577	443	574	600	
Tunisia <sup>10</sup>	Dec. 31 <sup>1</sup>	3,026	3,250	2,976	1,788	1,752	1,587
Union of South Africa	August	39,899	<sup>4</sup> 37,888	30,832	30,723	32,612	
Estimated total		100,000	101,400	91,500	86,100	90,000	89,600
Oceania:							
Australia	Mar. 31	<sup>1</sup> 112,571	120,209	96,396	95,723	102,559	108,728
New Zealand	Apr. 30	31,352	<sup>3</sup> 32,976	33,000	32,682	32,483	32,845
Estimated total		144,000	153,200	129,400	128,400	135,100	141,600
Estimated world total		747,000	754,500	700,400	693,600	710,600	723,800

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus, for Canada the Dec. 1, 1945 estimate of 2,456,000 head is shown under 1946.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for 2 to 4 years only.

<sup>4</sup> Census or estimate for single year.

<sup>5</sup> June.

<sup>6</sup> March.

<sup>7</sup> Official statistics; may be underestimates of actual numbers.

<sup>8</sup> Totals for Western Germany and Soviet Zone.

<sup>9</sup> Census, Dec. 31, 1940.

<sup>10</sup> Data include only number taxed.

<sup>11</sup> Includes China proper (22 provinces), Manchuria, Jehol and Sinkiang (Turkestan).

<sup>12</sup> The census of May 10-12, 1947, reported 50,857,000 sheep on farms.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, and other information. Data for countries having changed boundaries relate to present territory, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 473.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1930-49*

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Shipped in <sup>3</sup>		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding	Sheep	Lambs
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1930.....	29,467	3,212	24,144	925	5,886	222	252
1931.....	31,557	4,356	26,862	837	7,546	290	301
1932.....	29,986	2,943	25,017	517	5,438	338	386
1933.....	29,768	2,825	25,178	771	6,184	352	414
1934 <sup>4</sup> .....	30,433	7,011	25,079	887	6,956	354	436
1935.....	27,813	4,560	23,796	1,018	6,452	342	338
1936.....	29,762	4,627	24,206	666	6,037	305	332
1937.....	29,170	4,579	24,245	742	6,564	295	303
1938.....	30,420	4,565	25,767	862	6,606	295	315
1939.....	29,913	4,415	25,459	1,107	6,839	292	305
1940.....	31,082	4,384	25,846	1,060	7,186	272	299
1941.....	32,610	4,231	26,510	935	7,440	262	290
1942.....	32,312	6,064	28,598	828	8,020	291	287
1943.....	20,924	7,818	27,505	639	7,624	289	287
1944.....	28,642	7,362	25,349	576	6,844	279	283
1945.....	27,042	7,257	24,986	591	7,005	274	297
1946.....	24,540	6,496	24,172	730	6,808	276	304
1947.....	22,082	5,052	21,116	652	6,000	257	302
1948.....	20,011	4,620	19,262	637	5,632	244	298
1949 <sup>5</sup> .....	18,810	3,419	17,019	763	5,338	222	274

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production <sup>6</sup>	Cash receipts from sale of sheep, lambs, mutton, and lamb <sup>7</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>7</sup>	Cost of sheep and lambs shipped in for feeding and breeding <sup>3</sup>	Average price per 100 pounds received by farmers	
							Sheep	Lambs
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1930.....	1,965,337	134,141	161,522	1,919	163,441	32,774	4.74	7.76
1931.....	2,051,980	102,094	130,124	1,780	131,904	28,360	3.11	5.64
1932.....	1,829,383	74,666	93,037	1,604	94,641	19,042	2.24	4.47
1933.....	1,850,370	85,379	104,984	1,768	106,752	27,438	2.38	5.04
1934 <sup>4</sup> .....	1,911,079	99,324	131,691	2,114	133,805	29,968	2.85	5.90
1935.....	1,834,576	115,850	152,216	2,304	154,520	42,170	3.75	7.28
1936.....	1,851,581	133,034	165,950	2,284	168,244	33,630	3.77	8.05
1937.....	1,931,998	150,197	185,881	2,442	188,323	44,447	4.52	8.88
1938.....	2,037,688	127,161	157,451	2,002	159,453	37,502	3.58	7.05
1939.....	2,028,694	138,414	171,017	2,145	174,062	43,610	3.90	7.78
1940.....	2,100,928	149,343	179,997	2,072	182,069	47,120	3.95	8.10
1941.....	2,251,390	192,102	226,028	2,581	228,609	58,783	5.06	9.58
1942.....	2,313,319	235,146	305,932	3,071	309,003	72,708	5.80	11.70
1943.....	2,107,891	242,294	342,397	3,372	345,769	66,865	6.57	13.00
1944.....	1,938,299	215,071	300,446	3,190	303,646	60,273	6.01	12.50
1945.....	1,911,766	227,319	319,097	3,425	322,522	75,631	6.38	13.10
1946.....	1,763,298	248,240	362,300	4,188	366,488	86,959	7.48	15.60
1947.....	1,679,402	288,685	403,352	4,990	408,342	90,030	8.41	20.50
1948.....	1,403,833	288,757	413,244	5,443	418,687	91,614	9.66	22.80
1949 <sup>5</sup> .....	1,313,148	265,572	354,974	5,007	359,981	89,070	9.29	22.40

<sup>1</sup> Lambs saved during the year.<sup>2</sup> Excludes interfarm sales.<sup>3</sup> Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.<sup>4</sup> Includes Government purchases.<sup>5</sup> Preliminary.<sup>6</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>7</sup> No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."

Bureau of Agricultural Economics. Data for most items shown, for 1924-29, in Agricultural Statistics, 1942, table 543.

TABLE 474.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1948*

State and division	Marketings <sup>1</sup>		Shipped in <sup>2</sup>		Farm slaughter		Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>4</sup>	Cost of sheep and lambs shipped in for feeding and breeding <sup>2</sup>
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	6	6	—	—	1	3	1,060	193	232	14	246	—
New Hampshire.....	3	1	—	—	—	—	285	46	57	3	60	—
Vermont.....	1	1	—	—	—	2	290	50	50	6	56	—
Massachusetts.....	1	2	—	—	—	—	250	39	39	—	39	—
Rhode Island.....	—	1	—	—	—	—	85	17	17	—	17	—
Connecticut.....	1	2	—	—	—	—	250	40	40	—	40	—
New York.....	20	86	2	21	3	5	6,855	1,456	1,892	11	1,903	329
New Jersey.....	1	5	1	1	—	—	470	94	109	—	109	30
Pennsylvania.....	21	63	—	—	2	4	7,011	1,290	1,332	12	1,344	—
North Atlantic.....	54	167	3	22	6	15	16,556	3,225	3,768	46	3,814	359
Ohio.....	145	582	10	77	2	5	47,342	9,700	11,621	75	11,696	1,291
Indiana.....	69	441	10	159	1	2	28,394	6,050	9,788	38	9,826	2,681
Illinois.....	83	633	17	307	1	3	34,488	7,220	14,097	52	14,149	5,464
Michigan.....	83	265	5	11	3	7	25,291	5,209	6,249	57	6,306	242
Wisconsin.....	53	199	1	58	2	4	15,656	3,017	4,358	74	4,432	979
East North Central.....	433	2,120	43	612	9	21	151,171	31,196	46,113	296	46,409	10,657
Minnesota.....	128	605	22	196	2	6	46,812	9,754	13,728	97	13,825	3,015
Iowa.....	179	1,189	48	657	2	2	67,158	14,735	27,869	46	27,915	10,455
Missouri.....	110	1,000	60	246	3	4	73,761	17,419	21,928	85	22,013	4,397
North Dakota.....	99	317	9	25	2	2	24,856	4,976	6,558	50	6,608	468
South Dakota.....	160	635	15	152	1	4	46,620	9,187	13,104	78	13,182	2,645
Nebraska.....	50	829	37	684	2	3	36,337	7,989	19,009	73	19,082	10,228
Kansas.....	79	893	50	678	1	3	37,029	7,949	18,628	53	18,681	10,263
West North Central.....	805	5,468	241	2,638	13	24	332,573	72,009	120,824	482	121,306	41,471
North Central.....	1,238	7,588	284	3,250	22	45	483,744	103,205	166,937	778	167,715	52,128
Delaware.....	1	—	—	—	—	—	100	9	9	—	9	—
Maryland.....	4	24	—	—	—	1	2,185	510	515	8	523	—
Virginia.....	12	195	5	1	2	3	17,302	4,274	4,311	44	4,355	71
West Virginia.....	16	189	3	—	2	3	17,449	4,123	4,144	41	4,185	32
North Carolina.....	3	16	—	—	1	2	1,617	352	352	18	370	—
South Carolina.....	1	1	—	—	—	—	75	12	12	—	12	—
Georgia.....	1	1	—	—	1	1	323	39	31	9	40	—
Florida.....	2	1	—	—	1	1	292	33	36	7	43	—
South Atlantic.....	39	427	8	1	7	11	39,343	9,352	9,410	127	9,537	108
Kentucky.....	163	570	31	14	2	4	52,435	12,594	14,546	48	14,594	601
Tennessee.....	44	206	1	16	2	3	16,831	3,957	4,628	33	4,661	277
Alabama.....	5	5	—	—	—	1	694	92	106	4	110	—
Mississippi.....	14	16	—	—	2	2	2,068	262	272	7	279	12
Arkansas.....	5	30	—	3	—	1	2,018	374	428	6	434	42
Louisiana.....	43	17	—	—	2	3	1,764	208	524	22	546	—
Oklahoma.....	35	88	5	28	1	2	6,884	1,474	2,085	34	2,119	415
Texas.....	1,595	1,142	17	187	9	12	130,777	18,372	31,759	231	31,990	2,664
South Central.....	1,904	2,074	54	249	16	28	213,471	37,333	54,348	385	54,733	4,011
Montana.....	282	934	40	149	6	11	85,884	15,953	19,212	172	19,384	2,640
Idaho.....	133	1,162	40	389	12	17	86,927	18,633	26,383	376	26,759	6,417
Wyoming.....	373	1,236	7	139	11	27	87,088	17,605	23,087	444	23,531	2,777
Colorado.....	120	1,591	90	771	8	11	82,546	18,871	33,256	254	33,510	12,509
New Mexico.....	96	555	33	35	75	35	46,910	8,319	8,472	970	9,442	958
Arizona.....	29	187	13	15	42	48	16,164	3,205	3,519	997	4,516	401
Utah.....	106	863	26	55	18	17	61,263	13,163	15,909	970	16,279	1,208
Nevada.....	28	239	4	12	4	5	20,091	4,249	4,596	108	4,704	232
Washington.....	32	216	1	4	3	3	21,117	4,183	4,571	34	4,605	77
Oregon.....	29	439	18	—	3	10	38,810	8,885	8,998	138	9,136	240
California.....	167	1,584	16	541	11	16	103,919	22,576	31,778	244	32,022	8,054
Western.....	1,385	9,006	288	2,110	193	199	650,719	135,642	178,781	4,107	182,888	34,913
United States.....	4,620	19,262	637	5,632	244	298	1,403,833	288,757	413,244	5,443	418,687	91,614

See footnotes at bottom of page 390.

TABLE 475.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1949 (preliminary)*

State and division	Marketings <sup>1</sup>		Shipped in <sup>2</sup>		Farm slaughter		Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of sheep, lambs, mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>4</sup>	Cost of sheep and lambs shipped in for feeding and breeding <sup>2</sup>
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2	5			1	3	979	166	150	14	164	
New Hampshire.....	2					1	244	34	34	3	37	
Vermont.....	1	3				2	444	81	81	6	87	
Massachusetts.....	1	3					323	56	56		56	
Rhode Island.....		1					85	18	18		18	
Connecticut.....	1	2					251	42	42		42	
New York.....	13	80	1	16	3	5	6,526	1,360	1,735	11	1,746	246
New Jersey.....	1	5		2			430	91	110		110	36
Pennsylvania.....	29	72			2	4	7,605	1,422	1,564	12	1,576	
North Atlantic.....	50	171	1	18	6	15	16,887	3,270	3,790	46	3,836	282
Ohio.....	143	555	14	91	2	5	46,094	9,212	10,986	74	11,060	1,556
Indiana.....	37	407	12	165	1	1	26,798	5,567	8,592	23	8,615	2,818
Illinois.....	47	558	17	321	1	2	32,085	6,577	11,928	37	11,965	5,741
Michigan.....	41	213	5	24	2	5	21,587	4,456	4,825	41	4,866	459
Wisconsin.....	35	191	2	92	2	3	14,661	2,710	3,844	57	3,901	1,570
East North Central.....	303	1,924	50	693	8	16	141,225	28,522	40,175	232	40,407	12,144
Minnesota.....	95	607	24	273	2	6	46,220	9,631	13,442	97	13,539	4,141
Iowa.....	129	1,080	90	664	2	2	59,942	13,052	24,478	44	24,522	11,071
Missouri.....	138	957	60	242	3	3	71,718	15,634	19,687	64	19,751	4,330
North Dakota.....	73	276	22	41	2	3	21,619	4,214	5,417	65	5,482	844
South Dakota.....	131	545	14	160	3	3	39,482	7,667	11,037	80	11,127	2,774
Nebraska.....	79	768	51	570	2	3	32,275	7,096	18,516	74	18,590	8,763
Kansas.....	73	723	80	637	1	3	36,655	8,158	15,626	54	15,680	10,027
West North Central.....	718	4,956	341	2,587	15	23	307,911	65,452	108,203	478	108,681	41,950
North Central.....	1,021	6,880	391	3,280	23	39	449,136	93,974	148,378	710	149,088	54,094
Delaware.....	1						100	9	9		9	
Maryland.....	2	23	1			1	2,320	495	450	8	488	10
Virginia.....	9	183	5	1	2	3	17,330	4,001	3,835	41	3,876	68
West Virginia.....	23	190	1		2	2	17,870	4,011	3,999	29	4,028	10
North Carolina.....		14	2		1	2	1,531	331	294	18	312	20
South Carolina.....	1	1					82	15	25		25	
Georgia.....	1	1			1	1	244	36	37	10	47	
Florida.....	2				1	1	244	28	32	8	40	
South Atlantic.....	39	412	9	1	7	10	39,621	8,926	8,711	114	8,825	106
Kentucky.....	102	519	38	15	2	4	48,743	11,306	11,822	44	11,866	680
Tennessee.....	26	209	3	41	2	3	16,555	3,890	4,602	33	4,635	719
Alabama.....	6	6	1	1		1	681	112	137	5	142	25
Mississippi.....	10	21			2	2	2,457	357	330	8	338	12
Arkansas.....	8	24			1	1	1,837	322	384	6	390	
Louisiana.....	1	10	4	1	2	2	1,558	200	128	18	146	53
Oklahoma.....	10	89	13	63	1	1	5,491	1,243	1,808	21	1,829	953
Texas.....	1,071	933	10	139	8	10	166,099	26,120	24,110	198	24,308	1,959
South Central.....	1,234	1,811	69	261	15	24	243,421	43,550	43,321	333	43,654	4,401
Montana.....	350	980	25	88	7	11	80,365	14,494	20,514	176	20,690	1,572
Idaho.....	119	1,001	45	257	13	18	75,882	15,064	20,129	364	20,493	4,476
Wyoming.....	44	850	40	160	10	26	55,458	11,423	13,888	408	14,296	2,906
Colorado.....	143	1,239	60	603	7	10	80,516	17,733	26,557	227	26,784	9,683
New Mexico.....	80	540	23	34	62	29	44,140	8,591	8,518	882	9,400	811
Arizona.....	18	138	16	18	36	42	15,017	2,872	2,587	889	3,476	879
Utah.....	49	736	44	84	17	17	43,018	9,892	12,740	349	13,089	1,882
Nevada.....	50	224	8	12	4	6	18,839	3,750	4,253	114	4,367	280
Washington.....	36	207	2	28	2	3	17,685	3,427	4,144	28	4,172	484
Oregon.....	44	392	20		2	9	34,078	6,647	7,131	106	7,237	253
California.....	142	1,438	10	494	11	15	99,085	22,159	30,313	261	30,574	7,359
Western.....	1,075	7,745	293	1,778	171	186	564,083	115,852	150,774	3,804	154,578	30,185
United States.....	3,419	17,019	763	5,338	222	274	1,313,148	265,572	354,974	5,007	359,981	89,070

See footnotes at bottom of page 390.

TABLE 476.—*Sheep and lambs: Receipts at 64 public stockyards, 1940-49*TOTAL RECEIPTS <sup>1</sup>

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock- yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>2</sup>	All others report- ing	Total, 64 markets report- ing <sup>2</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1940.....	2,103	2,663	1,086	1,294	1,576	832	978	1,280	786	12,596	10,158	22,754
1941.....	2,179	2,471	906	1,337	1,487	783	1,111	1,306	779	12,359	10,458	22,817
1942.....	2,596	2,966	1,557	1,871	2,058	893	1,240	1,612	1,088	15,880	12,331	28,211
1943.....	2,390	2,715	2,105	2,331	2,651	904	1,231	1,787	1,361	17,476	12,991	30,467
1944.....	2,056	2,518	2,657	2,247	2,370	822	1,120	1,709	1,365	16,864	12,344	29,208
1945.....	1,875	2,287	2,714	2,226	1,935	1,049	1,043	1,331	1,104	15,563	12,095	27,658
1946.....	1,487	2,102	2,331	1,968	1,779	956	909	1,169	917	13,618	12,529	26,147
1947.....	968	1,996	1,766	1,857	1,527	822	937	940	784	11,598	10,081	21,679
1948.....	888	2,394	1,587	1,380	1,301	741	943	788	581	10,604	9,210	19,814
1949.....	623	1,858	928	914	922	599	732	746	492	7,814	8,029	15,843

## TRUCK RECEIPTS

1940.....	295	157	797	352	347	480	394	480	397	3,700	3,547	7,247
1941.....	321	166	706	415	376	472	509	506	449	3,920	3,834	7,754
1942.....	347	292	1,120	454	436	516	548	620	498	4,831	4,269	9,100
1943.....	343	381	1,547	439	486	549	514	590	587	5,436	4,572	10,008
1944.....	326	291	1,714	382	444	459	433	606	573	5,228	4,202	9,430
1945.....	284	288	1,893	373	400	431	434	539	505	5,147	4,352	9,499
1946.....	373	328	1,759	337	368	435	376	579	484	5,039	4,344	9,383
1947.....	306	322	1,399	338	322	408	401	540	434	4,471	3,857	8,328
1948.....	344	533	1,239	338	297	400	394	464	329	4,339	3,943	8,282
1949.....	317	635	762	278	306	360	387	430	291	3,766	3,238	7,004

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards.<sup>2</sup> Rounded totals of complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-39 in Agricultural Statistics, 1941, table 524.

## FOOTNOTES FOR TABLES 474 AND 475:

<sup>1</sup> Excludes interfarm sales.<sup>2</sup> Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.<sup>3</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>4</sup> No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 477.—*Feeder sheep and lambs: Inspected shipments from public stockyards, 1942-49*

Origin and destination	1942	1943	1944	1945	1946	1947	1948	1949
<b>Market origin:</b>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Chicago, Ill.....	57,209	55,110	53,950	34,283	36,597	32,992	23,978	23,661
Denver, Colo.....	1,244,604	1,065,070	1,022,365	886,961	745,348	758,082	832,931	687,848
Fort Worth, Tex.....	86,995	105,667	70,970	133,302	157,540	188,100	197,843	178,014
Kansas City, Kans.....	144,158	232,049	143,554	206,274	157,513	195,706	103,238	69,557
Louisville, Ky.....	55,679	29,027	50	7,756	-----	-----	4,162	2,213
Ogden, Utah.....	582,257	490,445	420,523	410,454	343,691	388,018	440,199	501,299
Omaha, Nebr.....	372,504	732,107	503,614	325,193	336,730	286,664	287,252	184,059
St. Louis <sup>1</sup> .....	25,484	29,316	18,528	42,241	30,361	33,810	25,128	39,545
Salt Lake City, Utah.....	110,614	125,503	79,519	91,328	92,419	100,703	137,531	210,244
Sioux City, Iowa.....	226,249	358,055	364,758	283,155	206,957	168,738	138,493	137,425
Sioux Falls, S. Dak.....	30,603	66,968	68,066	62,834	60,116	66,474	49,448	50,124
So. St. Joseph, Mo.....	115,421	39,675	21,861	19,458	52,211	124,791	129,441	166,242
So. St. Paul, Minn.....	222,843	322,999	328,550	258,867	195,386	173,732	124,618	166,971
All other inspected <sup>2</sup> .....	285,876	301,221	265,448	376,562	343,811	256,815	236,530	256,558
<b>Total<sup>2</sup>.....</b>	<b>3,560,496</b>	<b>3,953,212</b>	<b>3,361,756</b>	<b>3,138,668</b>	<b>2,758,680</b>	<b>2,774,625</b>	<b>2,730,792</b>	<b>2,673,760</b>
<b>State destination:</b>								
New York.....	2,860	10,858	18,426	4,523	22,525	9,875	7,312	4,337
Ohio.....	20,448	19,545	15,535	20,181	21,384	13,650	16,029	18,661
Indiana.....	45,265	47,273	18,788	34,902	40,483	45,314	34,357	34,617
Illinois.....	219,764	338,709	241,857	233,962	237,014	218,856	190,621	187,357
Michigan.....	36,588	28,957	22,761	16,002	24,208	12,649	10,147	16,606
Wisconsin.....	26,567	50,196	33,458	31,510	14,824	14,343	8,386	17,903
Minnesota.....	195,283	297,694	183,859	197,342	132,906	138,158	98,230	138,969
Iowa.....	512,276	794,873	693,034	524,043	523,498	426,163	366,708	391,863
Missouri.....	233,126	168,175	117,816	131,436	156,760	249,448	259,699	263,701
South Dakota.....	64,918	177,024	122,499	86,132	83,613	95,867	76,284	76,719
Nebraska.....	766,892	838,323	598,667	488,784	288,473	404,186	403,941	369,438
Kansas.....	547,325	262,293	501,108	422,828	395,887	228,563	394,142	327,379
Kentucky.....	64,563	38,344	13,488	40,897	21,940	25,155	14,191	14,489
Tennessee.....	4,175	6,243	4,572	18,649	11,173	9,323	9,573	15,576
Oklahoma.....	22,730	13,314	12,393	9,760	13,351	12,168	17,990	18,036
Texas.....	47,300	54,798	34,826	63,653	81,929	61,697	73,393	60,665
Montana.....	1,131	1,763	23	-----	9,015	21,238	7,190	-----
Idaho.....	29,604	25,599	16,302	7,338	14,256	47,321	47,010	22,478
Wyoming.....	17,930	20,958	6,880	8,238	18,712	21,185	18,244	29,110
Colorado.....	486,683	469,456	427,211	415,710	340,240	430,101	353,210	303,908
Utah.....	40,952	56,396	65,113	65,916	32,505	78,019	53,003	92,431
California.....	134,593	162,007	160,143	252,240	212,408	154,033	221,875	199,435
All other <sup>2</sup> .....	39,523	70,414	52,997	64,622	61,576	57,313	49,257	70,082
<b>Total<sup>2</sup>.....</b>	<b>3,560,496</b>	<b>3,953,212</b>	<b>3,361,756</b>	<b>3,138,668</b>	<b>2,758,680</b>	<b>2,774,625</b>	<b>2,730,792</b>	<b>2,673,760</b>

<sup>1</sup> Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.<sup>2</sup> Does not include Hawaii.

Bureau of Agricultural Economics. Compiled from inspection records of the Bureau of Animal Industry. Data for 1926-40 in Agricultural Statistics, 1941, table 526, 1941 in Agricultural Statistics, 1949, table 477.

TABLE 478.—*Sheep and lambs: Stocker and feeder shipments into 8 North Central States, 1945-49*<sup>1</sup>

Year and source	Shipments into—								
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	Total, 8 States
1945:	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Public stockyards.....	3, 012	17, 229	230, 548	12, 688	38, 913	167, 908	531, 982	383, 809	1, 386, 089
Direct.....	99, 523	213, 617	194, 326	17, 677	132, 528	236, 115	476, 178	698, 612	2, 067, 576
Total.....	102, 535	230, 846	424, 874	30, 365	171, 441	403, 023	1, 008, 160	1, 082, 421	3, 453, 665
1946:									
Public stockyards.....	1, 943	46, 082	221, 991	13, 411	21, 719	127, 490	581, 023	272, 136	1, 285, 795
Direct.....	106, 934	203, 611	210, 086	16, 115	112, 250	167, 986	613, 789	495, 432	1, 926, 203
Total.....	108, 877	249, 693	432, 077	29, 526	133, 969	295, 476	1, 194, 812	767, 568	3, 211, 998
1947:									
Public stockyards.....	1, 901	114, 439	291, 140	11, 624	33, 561	133, 125	477, 302	253, 864	1, 316, 956
Direct.....	66, 093	87, 819	250, 923	9, 910	48, 615	137, 284	426, 227	762, 777	1, 789, 648
Total.....	67, 994	202, 258	542, 063	21, 534	82, 176	270, 409	903, 529	1, 016, 641	3, 106, 604
1948:									
Public stockyards.....	15, 384	41, 884	232, 860	9, 803	12, 163	82, 105	412, 021	374, 617	1, 180, 837
Direct.....	72, 047	92, 899	145, 807	6, 069	45, 479	85, 649	292, 490	447, 265	1, 187, 705
Total.....	87, 431	134, 783	378, 667	15, 872	57, 642	167, 754	704, 511	821, 882	2, 368, 542
1949:									
Public stockyards.....	23, 120	49, 567	163, 108	16, 145	36, 024	116, 226	411, 758	417, 459	1, 233, 407
Direct.....	82, 189	147, 254	203, 793	12, 429	55, 855	137, 336	342, 589	303, 164	1, 284, 609
Total.....	105, 309	196, 821	366, 901	28, 574	91, 879	253, 562	754, 347	720, 623	2, 518, 016

<sup>1</sup> Under "Public stockyards" are included stockers and feeders which were bought at stockyard markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 479.—*Sheep and lambs slaughtered, United States, 1930-49*

Year	Federally inspected	Not federally inspected		Total	Year	Federally inspected <sup>1</sup>	Not federally inspected		Total
		Other whole-sale, and retail	Farm				Other whole-sale, and retail	Farm	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930.....	16, 697	3, 954	474	21, 125	1940.....	17, 349	3, 651	571	21, 571
1931.....	18, 071	4, 471	591	23, 133	1941.....	18, 122	3, 605	582	22, 309
1932.....	17, 899	4, 420	724	23, 043	1942.....	21, 624	3, 383	578	25, 585
1933.....	17, 354	3, 713	766	21, 833	1943.....	23, 363	3, 134	576	27, 073
1934.....	17, 411	3, 583	790	21, 784	1944.....	21, 875	2, 918	562	25, 355
1935.....	17, 644	3, 676	680	22, 000	1945.....	21, 218	2, 850	571	24, 639
1936.....	17, 216	3, 702	637	21, 555	1946.....	19, 884	2, 350	580	22, 814
1937.....	17, 270	3, 587	598	21, 455	1947.....	16, 667	1, 540	559	18, 766
1938.....	18, 060	3, 753	610	22, 423	1948.....	15, 343	1, 554	542	17, 439
1939.....	17, 241	3, 776	597	21, 614	1949 <sup>3</sup> .....	12, 136	1, 240	496	13, 872

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes 1,356,421 sheep slaughtered for Government account.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 480.—*Sheep and lambs: Number slaughtered under Federal inspection, by stations, 1940-49*<sup>1</sup>

Year	Chi- cago :	Denver	Kansas City	New York :	Omaha :	St. Louis :	Sioux City	South St. Paul :	All other stations	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1940.....	2,287	307	1,086	2,931	1,131	715	615	762	7,516	17,351
1941.....	2,511	353	1,114	2,901	1,228	770	635	818	7,789	18,125
1942.....	3,155	406	1,368	2,940	1,686	933	821	1,046	9,291	21,625
1943.....	2,927	589	1,672	2,766	1,868	938	969	999	10,634	23,363
1944.....	2,512	598	1,596	2,831	1,803	796	890	913	9,937	21,376
1945.....	1,967	571	1,494	2,434	1,589	888	695	721	10,861	21,220
1946.....	1,491	492	1,146	2,484	1,105	764	612	595	11,196	19,885
1947.....	1,179	556	1,185	2,167	1,160	756	555	557	8,542	16,667
1948.....	991	825	968	1,865	856	820	401	437	8,181	15,343
1949.....	606	503	642	1,829	701	595	303	333	6,624	12,136

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-39 in Agricultural Statistics, 1941, table 531.

TABLE 481.—*Sheep and lambs: Slaughter under Federal inspection, by classes, 1940-49*

Year	Lambs and yearlings		Sheep		Year	Lambs and yearlings		Sheep	
	<i>Thou- sands</i>	<i>Percent</i>	<i>Thou- sands</i>	<i>Percent</i>		<i>Thou- sands</i>	<i>Percent</i>	<i>Thou- sands</i>	<i>Percent</i>
1940.....	16,253	93.7	1,098	6.3	1945.....	16,776	79.1	4,444	20.9
1941.....	16,980	93.7	1,145	6.3	1946.....	16,535	83.2	3,350	16.8
1942.....	18,811	87.0	2,813	13.0	1947.....	14,374	86.2	2,292	13.8
1943.....	18,466	79.0	4,897	21.0	1948.....	12,848	83.7	2,495	16.3
1944.....	18,263	83.5	3,613	16.5	1949.....	10,883	89.7	1,254	10.3

Production and Marketing Administration. Data for 1923-39 in Agricultural Statistics, 1941, table 538.

TABLE 482.—*Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1940-49*

Year beginning May—	Number slaughtered <sup>1</sup>			Average live weight			Average cost per 100 pounds, live weight		
	May- Nov.	Dec.- Apr.	May- Apr.	May- Nov.	Dec.- Apr.	May- Apr.	May- Nov.	Dec.- Apr.	May- Apr.
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1940.....	10,404	7,276	17,680	83	93	87	8.57	9.73	9.08
1941.....	10,694	7,827	18,520	85	94	89	10.15	11.38	10.70
1942.....	13,194	8,351	21,545	86	93	89	11.82	14.01	12.71
1943.....	14,929	8,608	23,537	89	94	91	11.29	13.64	12.18
1944.....	13,592	8,859	22,451	87	96	90	11.14	13.35	12.07
1945.....	12,489	9,156	21,645	92	99	95	11.32	13.20	12.15
1946.....	11,189	6,718	17,907	90	98	93	14.87	20.52	17.11
1947.....	9,844	6,227	16,070	91	98	93	19.09	21.59	20.11
1948.....	9,239	5,234	14,472	92	97	94	21.06	23.59	22.01
1949.....	7,174	4,770	11,944	92	101	95	21.33	23.58	22.28

<sup>1</sup> Rounded totals of unrounded numbers.

Production and Marketing Administration. Data for 1931-39 in Agricultural Statistics, 1941, table 530. In recent years the carcass weight of sheep and lambs has averaged about 46 percent of the live weight.

TABLE 483.—*Sheep and lambs: Number slaughtered commercially and total live weight, 1948 and 1949, and average live weight, 1949, by States*<sup>1</sup>

State	Number slaughtered		Total live weight		Average live weight
	1948	1949	1948	1949	1949
	<i>Head</i>	<i>Head</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Pounds</i>
New England.....	322,400	297,800	29,434	26,877	90
New York.....	1,092,000	1,251,000	97,539	111,656	89
New Jersey.....	1,018,000	731,000	92,389	65,479	90
Pennsylvania.....	301,000	242,600	25,121	19,366	80
Ohio.....	358,000	247,000	30,597	20,780	84
Indiana.....	117,800	120,300	10,485	10,880	90
Illinois.....	1,566,000	1,028,000	145,859	95,160	93
Michigan.....	322,000	308,000	29,855	28,439	92
Wisconsin.....	159,900	122,000	15,349	11,606	95
Minnesota.....	931,000	774,000	90,336	75,101	97
Iowa.....	1,431,100	1,345,000	137,384	129,008	96
Missouri.....	1,097,000	762,000	103,400	71,833	94
North Dakota.....	320,800	225,900	33,001	22,339	99
South Dakota.....	370,000	237,000	36,337	22,989	97
Nebraska.....	999,000	942,000	99,806	92,591	98
Kansas.....	1,091,000	768,000	100,139	69,789	91
Delaware and Maryland <sup>2</sup> .....	69,700	77,600	6,367	6,974	90
Virginia.....	16,500	18,200	1,463	1,560	86
West Virginia.....	5,200	3,900	477	317	81
North Carolina.....	4,100	2,400	356	195	81
South Carolina.....	900	800	63	62	78
Georgia.....	2,000	2,200	169	181	82
Florida.....	600	200	47	13	65
Kentucky.....	177,800	107,600	15,240	9,042	84
Tennessee.....	71,300	61,800	5,639	4,958	80
Alabama.....	2,300	900	173	56	62
Mississippi.....	2,200	5,100	161	394	77
Arkansas.....	500	300	40	24	80
Louisiana.....	4,700	5,200	390	423	81
Oklahoma.....	260,600	115,400	23,038	9,929	86
Texas.....	1,155,000	580,000	95,872	48,777	84
Montana.....	6,500	5,400	665	542	100
Idaho.....	11,200	10,900	1,206	1,101	101
Wyoming.....	2,900	2,600	283	231	89
Colorado.....	984,000	638,000	97,751	62,586	98
New Mexico.....	10,600	14,200	844	1,444	102
Arizona.....	30,600	18,100	2,950	1,699	94
Utah.....	81,200	136,700	8,724	13,981	102
Nevada.....	8,900	4,700	906	467	90
Washington.....	179,700	141,600	18,478	14,297	101
Oregon.....	146,900	139,200	14,484	13,206	95
California.....	2,164,000	1,882,000	212,357	184,768	98
United States.....	16,896,900	13,376,600	1,585,174	1,251,120	94

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.<sup>2</sup> Includes the District of Columbia.

Bureau of Agricultural Economics.

TABLE 484.—*Sheep and lambs: Average price per 100 pounds at Chicago, 1940-49*<sup>1</sup>

Year beginning May—	Sheep			Lambs			Year beginning May—	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1940-----	3.27	5.28	4.11	9.65	10.36	9.95	1945-----	6.43	7.21	6.76	14.46	14.71	14.56
1941-----	4.61	6.44	5.38	11.54	12.24	11.83	1946-----	8.14	8.85	8.43	19.70	22.80	20.99
1942-----	5.93	8.54	7.02	14.46	16.42	15.28	1947-----	7.89	11.35	9.33	22.39	23.52	22.86
1943-----	6.93	7.72	7.26	14.41	15.35	14.80	1948-----	10.18	11.35	10.67	25.98	26.92	26.37
1944-----	5.41	7.81	6.41	13.93	15.55	14.61	1949-----	9.09	11.82	10.23	24.95	25.37	25.12

<sup>1</sup> Simple average of monthly bulk-of-sales prices, from data of the livestock reporting service.

Production and Marketing Administration.

TABLE 485.—*Lamb, dressed: Average wholesale price per 100 pounds, Chicago, 1940-49*<sup>1</sup>

Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights <sup>2</sup>	Utility, all weights <sup>3</sup>	Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights	Utility, all weights
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1940-----	17.65	16.49	14.95	13.58	1945-----	25.18	23.68	21.68	19.44
1941-----	19.25	18.09	16.43	15.07	1946-----	32.75	31.08	27.80	23.31
1942-----	23.74	22.65	19.96	18.01	1947-----	44.13	42.58	37.83	29.67
1943-----	26.13	24.63	22.63	20.39	1948-----	50.66	49.12	44.74	-----
1944-----	25.18	23.68	21.68	19.44	1949-----	51.30	49.74	43.88	-----

<sup>1</sup> Prices calculated from mean of daily range of quotations.<sup>2</sup> Medium grade prior to 1941.<sup>3</sup> Common grade prior to 1941.

Production and Marketing Administration.

TABLE 486.—*Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and cash receipts, by States, average 1938-47, annual 1948 and 1949*

State and division	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound			Cash receipts		
	Average 1938-47	1948	1949	Average 1938-47	1948	1949	Average 1938-47	1948	1949	Average 1938-47	1948	1949	Average 1938-47	1948	1949
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	36	22	19	6.3	6.4	6.7	228	141	127	37	42	40	84	59	51
New Hampshire.....	9	7	6	6.2	6.6	6.3	53	46	38	36	44	42	19	20	16
Vermont.....	17	11	11	6.6	6.5	6.5	116	72	72	37	43	41	42	31	30
Massachusetts.....	7	7	7	6.0	6.3	6.0	43	44	42	38	47	45	16	21	19
Rhode Island.....	2	2	2	5.9	6.0	6.0	12	12	12	39	47	45	5	6	5
Connecticut.....	5	5	5	5.9	6.0	6.0	28	30	30	39	47	45	11	14	14
New York.....	258	154	145	7.2	7.2	7.3	1,852	1,109	1,058	38	43	44	687	477	466
New Jersey.....	6	6	7	6.6	6.9	6.4	39	41	45	39	44	45	15	18	20
Pennsylvania.....	311	207	207	7.5	7.5	7.5	2,333	1,552	1,552	39	54	50	880	838	776
North Atlantic.....	651	421	409	7.23	7.24	7.28	4,704	3,047	2,976	38.3	48.7	46.9	1,759	1,484	1,397
Ohio.....	1,746	1,053	979	8.1	8.2	8.2	14,061	8,635	8,028	38	49	49	5,149	4,231	3,934
Indiana.....	601	367	348	7.3	7.6	7.6	4,379	2,789	2,645	38	45	46	1,643	1,255	1,217
Illinois.....	663	441	412	7.9	8.0	8.0	5,236	3,535	3,297	37	43	42	1,916	1,520	1,385
Michigan.....	732	403	343	8.0	8.1	8.0	5,820	3,264	2,744	38	46	46	2,145	1,501	1,262
Wisconsin.....	352	229	201	7.7	7.8	8.1	2,685	1,786	1,628	38	43	44	993	768	716
East North Central.....	4,094	2,493	2,283	7.88	8.03	8.03	32,181	20,009	18,342	37.6	46.4	46.4	11,846	9,275	8,514
Minnesota.....	981	570	519	7.8	7.6	8.0	7,645	4,332	4,152	37	46	45	2,783	1,993	1,868
Iowa.....	1,168	712	605	7.9	8.1	8.1	9,168	5,767	4,900	36	44	44	3,290	2,537	2,156
Missouri.....	1,391	1,061	1,072	6.8	7.1	7.2	9,442	7,538	7,673	36	44	45	3,456	3,317	3,453
North Dakota.....	794	434	365	8.7	8.4	8.8	6,913	3,646	3,212	34	44	43	2,388	1,604	1,381
South Dakota.....	1,435	803	715	8.3	8.1	8.3	11,928	6,471	5,928	36	51	47	4,336	3,300	2,786
Nebraska.....	379	265	254	8.4	8.4	8.2	3,172	2,223	2,082	32	40	40	1,008	889	833
Kansas.....	574	375	330	8.3	8.2	8.2	4,746	3,067	2,720	32	40	41	1,549	1,227	1,115
West North Central.....	6,722	4,220	3,860	7.88	7.83	7.94	53,015	33,044	30,667	35.4	45.0	44.3	18,809	14,867	13,592
North Central.....	10,816	6,713	6,143	7.87	7.90	7.98	85,195	53,053	49,009	36.3	45.5	45.1	30,655	24,142	22,106
Delaware.....	2	2	2	6.5	6.5	6.5	13	13	13	40	44	42	5	6	5
Maryland.....	50	41	40	6.3	6.3	6.2	315	258	248	40	44	43	122	114	107
Virginia.....	321	254	251	5.1	5.3	5.3	1,627	1,346	1,330	43	50	51	683	673	678
West Virginia.....	387	274	272	5.2	5.3	5.3	1,993	1,452	1,442	41	47	48	798	682	692
North Carolina.....	45	32	30	5.1	5.3	4.8	226	170	144	40	49	49	88	83	71
South Carolina.....	5	4	4	5.0	5.0	4.8	26	20	19	35	41	40	9	8	8
Georgia.....	17	12	12	4.3	4.4	4.3	72	53	52	33	42	42	23	22	22
Florida.....	19	12	11	3.3	3.3	3.3	62	40	36	35	44	45	20	18	16
South Atlantic.....	845	631	622	5.13	5.31	5.28	4,334	3,352	3,284	41.3	47.9	48.7	1,749	1,606	1,599

Kentucky.....	910	739	650	5.7	6.2	6.4	5,130	4,582	4,160	41	49	48	2,101	2,245	1,997
Tennessee.....	344	282	248	4.9	5.0	5.2	1,680	1,410	1,290	40	49	47	676	691	606
Alabama.....	30	21	19	4.1	4.3	4.5	123	90	86	35	42	42	42	38	36
Mississippi.....	67	87	86	3.4	3.4	3.6	232	296	310	37	45	42	89	133	130
Arkansas.....	78	51	49	4.8	5.1	5.1	379	260	250	38	43	41	140	112	102
Louisiana.....	216	144	108	3.3	3.4	3.5	709	490	378	37	45	45	253	220	170
Oklahoma.....	255	126	99	8.4	8.0	7.8	2,153	1,008	772	30	36	38	612	363	293
Texas.....	9,833	7,219	6,555	7.7	7.7	8.0	75,907	55,653	52,415	37	54	56	27,604	30,053	29,352
South Central.....	11,733	8,669	7,814	7.36	7.36	7.64	86,312	63,789	59,661	36.8	53.1	54.8	31,517	33,855	32,686
Montana.....	2,902	1,769	1,697	9.2	9.4	8.9	26,811	16,629	15,103	36	56	53	9,657	9,312	8,005
Idaho.....	1,536	1,053	1,000	9.5	10.0	9.6	14,592	10,530	9,600	35	49	46	4,983	5,160	4,416
Wyoming.....	3,006	2,092	1,782	9.7	9.6	9.7	29,006	20,083	17,285	34	46	48	9,631	9,238	8,297
Colorado.....	1,579	1,149	1,137	8.5	8.5	8.4	13,348	9,766	9,551	34	47	47	4,543	4,590	4,489
New Mexico.....	1,863	1,344	1,319	8.0	8.2	8.2	14,867	10,976	10,796	31	43	47	4,601	4,720	5,074
Arizona.....	594	363	351	6.9	7.3	7.6	4,081	2,638	2,669	32	37	40	1,252	976	1,068
Utah.....	1,814	1,366	1,243	9.1	9.3	8.6	16,390	12,704	10,690	33	48	47	5,366	6,098	5,024
Nevada.....	618	434	417	8.3	8.5	8.0	5,127	3,689	3,336	34	46	48	1,672	1,697	1,601
Washington.....	534	347	328	9.1	9.6	8.9	4,884	3,326	2,909	33	43	44	1,574	1,430	1,280
Oregon.....	1,276	663	635	8.8	9.2	8.2	11,280	6,100	5,207	34	48	46	3,672	2,928	2,395
California.....	3,151	2,046	2,075	6.9	7.0	7.2	21,853	14,242	14,874	36	48	50	7,747	6,836	7,437
Western.....	18,873	12,626	11,984	8.60	8.77	8.51	162,239	110,683	102,020	34.4	47.9	48.1	54,698	52,985	49,086
United States.....	42,918	29,060	26,972	7.99	8.05	8.04	342,784	233,924	216,950	35.6	48.8	49.3	120,377	114,072	106,874

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> For Texas and California the weight per fleece is the amount of wool shorn, per sheep and lamb during the year.

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TABLE 487.—Wool: Jan. 1 stocks of apparel wool, number of sheep shorn, weight per fleece, production, average price per pound received by farmers, cash receipts, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1930-49

Year	Jan. 1 stocks of apparel wool <sup>1</sup>	Sheep and lambs shorn	Weight per fleece	Shorn wool production	Price per pound	Cash receipts	Pulled wool production		Apparel wool				Carpet wool, imports for consumption <sup>3</sup>
							Average weight per skin	Total	Total production	Exports, domestic <sup>2</sup>	Imports for consumption <sup>3</sup>	Total new supply <sup>4</sup>	
	1,000 pounds	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1930		44,549	7.90	352,129	19.5	68,739	3.32	61,900	414,029	162	\$ 70,135	484,002	\$ 90,621
1931		46,832	8.04	376,301	13.6	51,039	3.24	66,100	442,401	274	42,915	485,042	113,795
1932		45,207	7.76	350,996	8.6	30,202	3.34	67,100	418,096	179	13,522	431,439	39,195
1933		46,005	8.13	374,162	20.6	77,065	3.30	64,200	438,352	19	59,341	497,674	114,468
1934		46,421	7.95	368,860	21.9	80,709	3.17	60,500	429,360	119	29,258	458,499	79,084
1935	372,748	44,991	8.04	361,531	19.3	69,613	3.20	66,000	427,531	20	41,984	469,495	158,477
1936	234,533	44,663	7.91	353,211	26.9	94,915	3.21	66,200	419,411	16	110,712	530,107	143,276
1937	206,098	44,284	8.04	356,078	32.0	113,807	3.24	66,200	422,278	68	150,160	572,370	172,091
1938	238,228	44,889	8.02	359,925	19.1	68,917	3.28	64,500	424,425	1,343	30,812	453,894	71,908
1939	230,225	45,195	8.00	361,689	22.3	80,683	3.32	64,500	426,189	179	98,194	524,204	144,875
1940	177,291	46,313	8.03	372,014	28.4	105,539	3.30	62,000	434,014	456	222,983	656,541	134,691
1941	193,841	47,722	8.12	387,520	35.5	137,754	3.42	65,800	453,320	38	613,566	1,066,848	203,249
1942	447,398	49,287	7.88	388,297	40.1	155,728	3.55	66,700	454,997	111	\$ 782,647	\$ 1,237,533	72,017
1943	674,739	47,892	7.91	378,843	41.7	157,825	3.43	65,200	444,043	27,924	\$ 642,887	\$ 1,059,006	33,489
1944	815,549	43,165	7.84	338,318	42.4	143,513	3.42	73,500	411,818	7,476	\$ 581,848	\$ 986,190	34,775
1945	749,183	38,763	7.94	307,949	41.9	129,122	3.58	70,500	378,449	28,797	\$ 725,237	\$ 1,074,889	79,521
1946	797,969	34,718	8.08	280,487	42.3	118,639	3.76	61,300	341,787	16,008	\$ 923,814	\$ 1,249,593	125,418
1947	892,869	31,241	8.09	252,798	42.0	106,052	3.67	56,600	309,398	12,720	528,171	824,449	112,120
1948	706,140	29,060	8.05	233,924	48.8	114,072	3.59	46,600	280,524	1,154	596,466	875,836	160,634
1949 <sup>7</sup>	\$ 348,231	26,972	8.04	216,950	49.3	106,874	3.43	36,400	253,350	15,801	347,964	585,513	86,621

<sup>1</sup> As reported by Bureau of the Census. Includes wool stored in bonded warehouses prior to payment of duty. Excludes wool on farms for all years, and wool stored for the British Government for re-export, 1942-46.

<sup>2</sup> Includes hair of the angora goat, alpaca, and other like animals.

<sup>3</sup> General imports less re-exports, 1930-33, inclusive. Apparel wool for all years includes the item "not finer than 40's" both free and dutiable. Carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wool without merino or English blood.

<sup>4</sup> Production, minus exports, plus imports; stocks not taken into consideration.

<sup>5</sup> For the years 1930-35 the item "not finer than 40's" has been deducted from carpet wool totals reported by the Department of Commerce and added to apparel wool, thus making entire series comparable.

<sup>6</sup> Does not include 222,222,220 pounds in 1942; 275,476,308 pounds in 1943; 2,725,929 pounds in 1944; 5,372,698 pounds in 1945, and 14,840 pounds in 1946, imported free of duty as an act of international courtesy. Wool so imported consisted almost entirely of wool stored in this country for the British Government, and later re-exported. This wool was not available to domestic mills.

<sup>7</sup> Preliminary.

<sup>8</sup> Stocks as of April 1, beginning 1949.

Bureau of Agricultural Economics. Imports and exports from Foreign Commerce and Navigation of the United States and other official reports of the Department of Commerce. Data for 1909-29 in Agricultural Statistics, 1942, table 556.

TABLE 488.—*Wool: Production in specified countries, greasy basis, averages 1936-40 and 1941-45, annual 1946-49*<sup>1</sup>

Continent and country	Average		1946	1947	1948 <sup>2</sup>	1949 <sup>2</sup>
	1936-40	1941-45				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
North America:						
Canada.....	15.6	17.7	16.7	14.1	11.9	10.2
United States:						
Shorn.....	360.6	360.2	280.5	252.8	233.9	215.6
Pulled.....	64.7	68.3	61.3	56.0	46.6	43.0
Total.....	425.3	428.5	341.8	309.4	280.5	258.6
Estimated total <sup>3</sup> .....	451.7	457.3	369.7	334.7	304.4	280.8
Europe:						
Austria.....	2.1	2.7	2.5	2.6	3.1	3.0
Bulgaria.....	28.7	26.4	<sup>4</sup> 21.9	<sup>4</sup> 25.7	<sup>4</sup> 28.6	<sup>4</sup> 30.0
Finland.....	2.7	1.9	2.6	2.4	2.4	2.4
France <sup>5</sup> .....	37.1	27.3	26.5	28.6	29.3	32.6
Germany <sup>6</sup> .....	31.7	<sup>7</sup> 35.5	25.7	25.4	26.8	29.0
Greece.....	19.3	12.8	14.5	16.9	17.3	16.0
Hungary.....	12.9	8.9	3.3	4.0	5.0	5.5
Ireland.....	17.2	15.9	14.5	13.3	12.2	15.0
Italy.....	30.4	27.5	24.7	27.0	30.0	33.0
Netherlands.....	6.2	4.9	5.4	4.6	4.6	6.2
Norway.....	5.9	5.9	5.8	5.8	5.7	5.7
Poland and Danzig <sup>8</sup> .....	6.8					
Portugal.....	16.3	17.2	17.6	18.0	18.0	
Rumania <sup>9</sup> .....	40.7					
Spain.....	70.0	83.0	79.0	77.0	88.0	72.6
United Kingdom.....	110.1	88.6	87.5	71.8	75.0	80.0
Yugoslavia.....	34.7					
Total Europe (excl. U.S.S.R.) <sup>8</sup> .....	483.4	446.0	394.9	388.5	415.1	420.4
U.S.S.R. (Europe and Asia) <sup>6,9</sup> .....	310.2	<sup>7</sup> 279.7	287.2	285.8	304.6	314.9
Asia:						
Iran.....	36.3	29.6	29.5	30.0	28.8	27.8
Iraq.....	21.6	21.1	24.2	24.2	32.7	26.7
Syria.....	<sup>10</sup> 10.7	<sup>10</sup> 11.0	13.3	12.7	12.1	9.5
Turkey.....	67.7	67.9	68.8	71.2	75.5	70.0
Afghanistan.....	15.0	15.0	15.0	15.0	17.0	17.2
China <sup>11</sup> .....	88.0	81.0	75.0	75.0	75.0	75.0
India.....	<sup>12</sup> 72.9	<sup>12</sup> 79.0	54.5	54.5	53.0	54.5
Pakistan.....			26.0	26.0	28.0	30.0
Total Asia (Excl. U.S.S.R.) <sup>13</sup> .....	344.2	336.7	339.6	341.8	356.5	353.7
South America:						
Argentina <sup>14</sup> .....	411.0	505.8	515.0	475.0	419.0	400.0
Brazil <sup>15</sup> .....	35.5	37.6	45.0	48.0	45.2	47.4
Chile.....	32.6	36.4	38.6	39.2	44.1	47.0
Falkland.....	4.0	4.2	4.0	4.0	4.5	5.0
Peru.....	19.4	17.6	17.6	15.9	17.2	18.7
Uruguay.....	126.2	144.1	176.0	158.7	147.7	154.3
Total South America <sup>16</sup> .....	638.9	757.4	809.7	754.3	691.2	685.9
Africa:						
Algeria.....	22.6	22.6	19.8	13.8	13.2	14.0
Egypt.....	7.5	5.9	5.6	5.6	6.0	5.5
French Morocco.....	35.1	39.4	30.0	25.0	28.0	
Libya.....		3.2	3.4	3.4	1.0	
Tunisia.....	12.0	12.9	11.8	11.0	7.9	8.0
Union of South Africa <sup>17</sup> .....	252.3	234.4	209.3	205.2	219.0	214.0
Total Africa <sup>8</sup> .....	336.8	322.3	283.7	267.8	278.9	275.0
Oceania:						
Australia.....	1,051.9	1,088.0	976.8	1,019.0	1,065.0	1,095.0
New Zealand.....	313.8	350.4	360.0	345.6	354.0	355.0
Total Oceania.....	1,365.9	1,438.5	1,336.9	1,364.7	1,419.1	1,450.1
World total <sup>18</sup> .....	3,930.0	4,040.0	3,820.0	3,740.0	3,770.0	3,780.0

See footnotes at bottom of page 400.

TABLE 489.—*Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1942-49<sup>1</sup>*

Item	1942	1943	1944	1945	1946	1947 <sup>2</sup>	1948	1949
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Apparel wool:								
Woolen system: <sup>3</sup>								
60's and finer.....	71.4	75.7	82.4	84.3	106.5	89.3	74.9	54.7
50's to 60's.....	141.6	185.6	160.0	162.2	95.9	59.0	54.5	55.7
48's and coarser.....	52.0	46.4	45.8	46.9	60.6	41.3	36.4	28.8
Total.....	265.0	307.7	288.2	293.4	263.0	189.6	165.8	139.2
Worsted system:								
60's and finer.....	228.4	199.8	186.5	197.2	227.9	237.9	228.5	132.7
50's to 60's.....	55.0	65.2	81.8	84.9	94.7	75.6	76.2	64.0
48's and coarser.....	23.0	19.2	20.5	13.7	24.0	22.8	14.7	7.3
Total.....	306.4	284.2	288.8	295.8	346.6	336.3	319.4	204.0
Total apparel:								
60's and finer.....	299.8	275.5	268.9	281.5	334.4	327.2	303.4	187.4
50's to 60's.....	196.6	250.8	241.8	247.1	190.6	134.6	130.7	119.7
48's and coarser.....	75.0	65.6	66.3	60.6	84.6	64.1	51.1	36.1
Total.....	571.4	591.9	577.0	589.2	609.6	525.9	485.2	343.2
Carpet wool.....	44.0	32.2	45.8	55.9	127.9	172.3	207.9	161.8

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Calculated from weekly averages for each year.

<sup>2</sup> 53 weeks.

<sup>3</sup> Beginning 1946, excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

Production and Marketing Administration. Compiled from wool consumption reports of Bureau of Census.

## FOOTNOTES FOR TABLE 488:

<sup>1</sup> For summary purposes wool produced mostly in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or October 1 of the same year in the Southern Hemisphere. Pulled wool is included for most countries at its greasy equivalent.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes estimates for Mexico, Newfoundland, Netherlands West Indies, Guatemala, and El Salvador.

<sup>4</sup> Includes Southern Dobrudja beginning 1944.

<sup>5</sup> Data for years 1945 and 1946 not comparable with prewar and 1947.

<sup>6</sup> Based on present boundaries.

<sup>7</sup> 2-year average (1944 and 1945).

<sup>8</sup> Includes estimates for Albania and for countries producing 2 million pounds or less, namely Belgium, Czechoslovakia, Denmark, Iceland, Sweden and Switzerland.

<sup>9</sup> Based on the number of sheep and an average fleece weight of 4.7 pounds per head.

<sup>10</sup> Includes Lebanon.

<sup>11</sup> Includes China proper (22 provinces), Manchuria, Jehol and Sinkiang (Turkestan).

<sup>12</sup> Includes Pakistan.

<sup>13</sup> Includes estimates for Cyprus, Palestine and Transjordan, Outer Mongolia, Tibet and Nepal.

<sup>14</sup> Based on estimates of the Buenos Aires Branch, First National Bank of Boston through 1947.

<sup>15</sup> Estimates based largely on production in Rio Grande do Sul, which produces about 80 percent of the total.

<sup>16</sup> Includes relatively small production in Bolivia, Colombia, Ecuador, Paraguay and Venezuela.

<sup>17</sup> Union of South Africa, Union Protectorates and South West Africa.

<sup>18</sup> Includes estimates for Kenya, French West Africa and Togo.

<sup>19</sup> Rounded to tens of millions.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research and other information. Estimates for countries having changed boundaries have been adjusted to present boundaries except as noted. November 28, 1949.



TABLE 490.—*Wool: Grade distribution of the 1946 production in United States, as indicated by purchases of the Commodity Credit Corporation*<sup>1</sup>

Grade	Shorn		Pulled	Shorn and Pulled
	Grease	Clean	Clean	Clean
	Percent	Percent	Percent	Percent
Fine, 64's and finer.....	53.0	45.6	9.7	36.8
1/2 blood, 58/60's to 60/64's.....	18.3	16.6	38.3	21.9
3/4 blood, 56's to 56/58's.....	16.5	20.6	45.7	26.8
1/2 blood, 48/50's to 50/56's.....	9.9	12.9	5.3	11.1
Low 1/4 blood, 46's to 48's.....	1.5	1.4	0.7	1.2
Common and braid, 36's to 44's.....	0.5	0.7	0.3	0.6
Offsorts (ungraded).....	2.3	2.2	-----	1.6
Total.....	100.0	100.0	100.0	100.0

<sup>1</sup> Based on shorn wool purchases of 288.6 million pounds, grease basis, or 122.4 million pounds, clean content, from April 1946 through February 1947, and pulled wool purchases of 39.6 million pounds, clean basis, from April 1946 through March 1947. These sales to the Commodity Credit Corporation represent approximately the annual production of shorn and pulled wools at that time. Production and Marketing Administration.

TABLE 491.—*Wool: Average price per pound, Boston and London, 1940-49*

Market and classification	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Boston: <sup>1</sup>	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Clean basis, Territory: <sup>2</sup>										
Grades 64's, 70's, 80's, fine combing...	96	109	119	118	119	119	119	122	130	166
Grade 56's, 3/8 blood combing.....	80	91	103	104	104	104	104	108	113	113
Grease basis, Bright Fleece: <sup>3</sup> Grade 56's, 3/8 blood combing.....	41	47	52	54	54	54	54	56	58	55
London:										
Clean basis:										
Grade 64's, 70's <sup>4</sup> .....								115	180	180
Grade 56's <sup>4</sup> .....								75	99	100

<sup>1</sup> Quotations are based on Commodity Credit Corporation purchasing prices Nov. 26, 1945 through December 1948.

<sup>2</sup> Wools grown under range conditions. Territory wools show a wide variation in shrinkage and color.

<sup>3</sup> Wools that are bright in color and of relatively light shrinkage. Nearly all the wools grown in the States east of the Mississippi River are of this type. Bright wools are also grown in parts of Minnesota, Iowa, and Missouri. Wools from Kentucky, Virginia, and Tennessee usually bring prices from 1 to 3 cents per pound, grease basis, above other bright fleeces, because of their lighter shrinkage. Prior to 1938, the "Bright Fleece" wools were designated as "Ohio and Pennsylvania" wools.

<sup>4</sup> London wool auctions were suspended at outbreak of war. Supplies and prices under Government control. No quotations August 1939-August 1946.

<sup>5</sup> 10-month average.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 492.—*Wool-top futures: Volume of trading, annual average of month-end open contracts, and highest and lowest prices per pound, Wool Associates of the New York Cotton Exchange, Inc.,*<sup>1</sup> 1940-49

Year beginning April	Volume of trading	Average of open contracts	Price		Year beginning April	Volume of trading	Average of open contracts	Price	
			Highest	Lowest				Highest	Lowest
	Million pounds	Million pounds	Cents	Cents		Million pounds	Million pounds	Cents	Cents
1940.....	161.7	8.8	129.5	82.3	1945.....	37.7	5.6	134.0	111.7
1941.....	54.2	4.4	137.1	115.8	1946.....	20.0	4.4	170.0	127.0
1942.....	38.3	3.8	136.1	115.0	1947.....	28.7	4.1	190.0	124.0
1943.....	39.1	4.2	137.0	104.0	1948.....	50.0	5.2	201.0	140.5
1944.....	43.0	4.8	135.0	108.5	1949.....	43.9	4.8	188.0	129.5

<sup>1</sup> Only market trading in wool-top futures.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Wool Associates of the New York Cotton Exchange.

TABLE 493.—*Wool (actual weight): International trade, average 1935-39, annual 1946-48*

Continent and country	Average 1935-39		1946		1947 <sup>1</sup>		1948 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
North America:								
Canada.....	6,241	19,337	4,481	53,169	3,131	39,339	3,070	42,399
Mexico.....	( <sup>2</sup> )	2,041	5	9,716	( <sup>2</sup> )	4,437	1,894	3,267
United States.....	325	224,498	13,389	1,246,727	12,720	644,000	1,071	761,406
Total.....	6,566	245,876	17,875	1,309,612	15,851	687,776	6,035	807,072
Europe:								
Austria.....	183	<sup>4</sup> 20,900	( <sup>3</sup> )	( <sup>3</sup> )	733	11,969	360	12,175
Belgium.....	98,316	226,345	16,789	263,683	69,548	260,286	51,039	164,708
Bulgaria.....	4	1,693	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Czechoslovakia.....	<sup>4</sup> 1,050	<sup>4</sup> 36,387	0	19,193	21	46,541	0	38,593
Denmark.....	353	4,149	991	9,235	390	12,812	0	8,986
Finland.....	0	5,772	1	3,157	0	7,104	0	8,168
France.....	59,575	403,345	3,494	482,288	6,682	424,400	2,728	468,670
Germany.....	0	259,932	0	0	( <sup>3</sup> ) ( <sup>3</sup> )	( <sup>3</sup> ) ( <sup>3</sup> )	0	<sup>7</sup> 90,946
Greece.....	1,706	7,717	0	2,158	0	4,251	0	5,152
Hungary.....	839	2,126	0	2,476	0	7,765	( <sup>3</sup> )	( <sup>3</sup> )
Iceland.....	1,512	0	1,700	0	1,240	( <sup>3</sup> ) 0	747	0
Ireland.....	14,250	691	8,355	4,413	8,749	5,280	9,421	4,569
Italy.....	1,040	78,958	0	162,463	1,703	298,786	2,664	128,503
Netherlands.....	3,908	16,318	4,797	32,419	1,014	56,059	1,287	35,329
Norway.....	272	2,161	<sup>1</sup> 9	<sup>1</sup> 7,767	0	8,863	1	7,672
Poland.....	<sup>4</sup> 80	46,045	0	<sup>8</sup> 42,461	0	40,646	0	48,300
Portugal.....	2,188	3,377	88	14,610	815	15,935	1,279	4,486
Rumania.....	600	1,334	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Spain.....	<sup>9</sup> 2,195	<sup>9</sup> 12,236	( <sup>3</sup> )	7,302	44	5,575	( <sup>3</sup> )	11,646
Sweden.....	427	16,885	5,894	39,270	1,400	31,977	446	26,276
Switzerland.....	271	17,234	1,829	37,639	501	30,392	303	20,767
United Kingdom.....	26,072	628,893	41,185	384,945	25,105	468,595	20,702	522,263
Yugoslavia.....	1,143	8,179	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Total.....	215,984	1,800,677	85,132	1,515,479	117,954	1,737,236	90,977	1,627,209
U.S.S.R. <sup>10</sup> .....		67,550	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	<sup>7</sup> 29,509	( <sup>3</sup> )	<sup>7</sup> 59,621
Asia:								
Cyprus.....	1,226	0	34	0	11	0	34	0
Iran.....	12,890	0	5,513	1,095	5,671	1,086	992	( <sup>2</sup> ) 0
Iraq.....	13,651	0	16,307	0	6,162	0	15,573	0
Lebanon.....	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	( <sup>11</sup> )	8,762	0
Syria.....	<sup>4</sup> 5,787	<sup>4</sup> 386	6,302	0	8,031	0	6,612	0
Turkey.....	17,639	1,182	1,159	10,400	1,739	11,905	1,059	7,694
Afghanistan.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,485	0
China.....	23,608	0	1,036	0	3,507	0	8,476	0
India.....	0	189,257	32,172	17,450	8,503	5,743	11,200	14,537
Japan.....	0	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,200	0	22,300
Pakistan.....	0	0	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	26,526	192
Total.....	74,801	189,825	62,523	28,945	33,624	21,934	82,719	22,423
South America:								
Argentina.....	305,725	80	452,404	0	376,394	0	418,202	0
Bolivia.....	0	166	0	2,814	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Brazil.....	10,151	3,783	4,796	3,967	9,169	6,909	15,631	6,236
Chile.....	23,335	789	16,667	3,897	13,150	2,109	16,512	2,171
Colombia.....	59	36	73	2,133	1	1,874	0	2,158
Ecuador.....	132	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Falkland Islands.....	4,084	0	( <sup>3</sup> )	( <sup>3</sup> )	3,340	0	3,364	0
Peru.....	5,130	0	645	263	972	220	545	0
Uruguay.....	105,478	0	130,013	0	159,633	0	136,345	0
Total.....	454,035	4,798	604,598	13,074	562,659	10,914	590,599	10,565

See footnotes at end of table.

TABLE 493.—*Wool (actual weight): International trade, average 1935-39, annual 1946-48—Continued*

Continent and country	Average 1935-39		1946		1947 <sup>1</sup>		1948 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Africa:								
Algeria.....	12,822	0	741	3,366	( <sup>3</sup> )	( <sup>3</sup> )	138	7,912
Egyptian Sudan.....			71	53	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Kenya and Uganda.....			669	0	909	0	894	0
Egypt.....	4,489	0	1,797	1,457	646	1,369	974	1,616
French Morocco.....	10,036	0	4,931	1,246	2,590	4,475	( <sup>3</sup> )	( <sup>3</sup> )
Southern Rhodesia.....			18	0	9	0	14	0
Tunisia.....	3,241	0	524	0	0	230	0	306
Union of South Africa.....	228,555	0	467,404	7,731	220,400	0	225,300	0
Total.....	259,143	0	475,155	12,853	224,554	6,074	227,320	9,834
Oceania:								
Australia.....	821,740	0	1,168,964	5,141	940,500	0	1,070,000	0
New Zealand.....	273,618	0	365,199	0	354,490	0	412,700	0
Total.....	1,095,358	0	1,534,163	5,141	1,294,990	0	1,482,700	0
World total.....	2,105,887	2,308,726	2,779,176	2,885,104	2,249,632	2,493,213	2,479,650	2,536,724

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Not available.<sup>4</sup> 4-year average, 1935-38.<sup>5</sup> Beginning April 1938, trade between Austria and Germany no longer reported as foreign trade in Germany statistics. The same applies to trade between Czechoslovakia for the period October to December 1938.<sup>6</sup> Imports commenced September 1947.<sup>7</sup> Based on exports from primary sources.<sup>8</sup> UNRRA supplied 37 million pounds. The rest was supplied by U. S. S. R.<sup>9</sup> 2-year average.<sup>10</sup> Present territory.<sup>11</sup> Included in Syria.<sup>12</sup> Included in India.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States Foreign Service officers, and other information.

TABLE 494.—*Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, 7 principal producing States, 1930-49*

Year	Goats clipped	Average clip per goat <sup>1</sup>	Mohair production	Price per pound	Cash receipts	Year	Goats clipped	Average clip per goat <sup>1</sup>	Mohair production	Price per pound	Cash receipts
	<i>Thousands</i>		<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>		<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1930.....	4,241	4.1	17,583	33.5	5,887	1940.....	4,297	4.9	21,144	49.7	10,504
1931.....	4,457	4.3	19,376	16.6	3,224	1941.....	4,542	4.8	21,766	56.9	12,389
1932.....	4,201	4.0	16,935	9.0	1,520	1942.....	4,322	4.8	20,676	49.3	10,203
1933.....	4,092	4.0	16,539	29.2	4,834	1943.....	4,276	4.7	20,156	57.1	11,518
1934.....	3,916	4.1	16,182	18.8	3,047	1944.....	4,109	5.0	20,467	60.1	12,306
1935.....	3,565	4.4	15,720	36.4	5,716	1945.....	4,291	5.1	22,038	55.3	12,192
1936.....	3,715	4.3	16,124	53.7	8,663	1946.....	3,943	4.9	19,329	61.1	11,803
1937.....	3,774	4.4	16,528	54.0	8,918	1947.....	3,729	5.0	18,476	53.7	9,923
1938.....	3,918	4.3	16,827	34.8	5,863	1948.....	3,316	5.0	16,591	45.4	7,531
1939.....	4,068	4.6	18,785	47.3	8,882	1949 <sup>2</sup> .....	2,875	5.1	14,633	46.3	6,772

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of the goats and kids clipped in the spring and of kids clipped in the fall.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 566.

**TABLE 495.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, by States, average 1938-47, annual 1948 and 1949**

State	Goats clipped <sup>1</sup>			Average clip per goat			Mohair production			Price per pound			Cash receipts		
	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949	Average 1938-47	1948	1949 <sup>2</sup>	Average 1938-47	1948	1949 <sup>2</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Missouri.....	78	56	51	2.5	2.3	3.0	196	129	153	38	28	25	74	36	38
Texas.....	3,582	3,100	2,675	4.9	5.1	5.2	17,614	15,810	13,910	54	46	47	9,509	7,273	6,538
New Mexico.....	172	46	39	5.0	5.3	4.8	858	243	187	48	39	39	402	95	73
Arizona.....	175	45	29	4.0	3.1	2.8	705	138	82	49	35	37	342	48	30
Utah.....	21	3	3	5.0	3.2	3.0	112	10	9	40	32	31	43	3	3
Oregon.....	98	50	64	3.9	4.1	3.8	393	205	243	40	29	31	155	59	75
California.....	24	16	14	3.6	3.5	3.5	88	56	49	38	30	30	33	17	15
Total.....	4,150	3,316	2,875	4.8	5.0	5.1	19,966	16,591	14,633	52.5	45.4	46.3	10,558	7,531	6,772

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and of kids clipped in the fall.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 496.—Meats and lard: Production, by class of slaughter, United States, 1935-49<sup>1</sup>

Year	Commercial			Farm	Total	Commercial			Farm	Total											
	Federally inspected	Other wholesale and retail	Total			Federally inspected	Other wholesale and retail	Total													
	Million pounds	Million pounds	Million pounds			Million pounds	Million pounds	Million pounds													
BEEF											PORK, EXCLUDING LARD										
1935 <sup>2</sup>	4,610	1,753	6,363	245	6,608	3,494	761	4,255	1,664	5,919											
1936 <sup>2</sup>	5,317	1,802	7,119	239	7,358	4,737	965	5,702	1,772	7,474											
1937	4,699	1,879	6,578	220	6,798	4,254	1,011	5,265	1,686	6,951											
1938	4,798	1,887	6,685	223	6,908	4,884	1,111	5,995	1,685	7,680											
1939	4,803	1,983	6,786	225	7,011	5,552	1,337	6,889	1,771	8,660											
1940	4,964	1,984	6,948	227	7,175	6,614	1,632	8,246	1,798	10,044											
1941	5,732	2,126	7,858	224	8,082	6,345	1,559	7,904	1,624	9,528											
1942	6,343	2,249	8,592	251	8,843	7,562	1,672	9,234	1,642	10,876											
1943	5,966	2,340	8,306	265	8,571	9,308	2,454	11,762	1,878	13,640											
1944	6,652	2,149	8,801	311	9,112	9,456	2,046	11,502	1,802	13,304											
1945	7,236	2,700	9,936	339	10,275	6,387	2,456	8,843	1,854	10,697											
1946	5,661	3,349	9,010	363	9,373	6,642	2,592	9,234	1,939	11,173											
1947	7,535	2,561	10,096	332	10,428	7,080	1,731	8,811	1,790	10,601											
1948	6,433	2,333	8,766	313	9,079	6,832	1,654	8,486	1,719	10,205											
1949	6,998	2,144	9,142	<sup>3</sup> 306	9,448	7,352	1,393	8,745	<sup>3</sup> 1,588	10,333											
VEAL											ALL MEAT, EXCLUDING LARD										
1935 <sup>2</sup>	608	322	930	93	1,023	9,413	2,983	12,396	2,031	14,427											
1936 <sup>2</sup>	653	327	980	95	1,075	11,387	3,241	14,628	2,133	16,761											
1937	675	348	1,023	85	1,108	10,311	3,381	13,692	2,017	15,709											
1938	581	332	913	81	994	10,983	3,481	14,464	2,015	16,479											
1939	559	348	907	84	991	11,608	3,820	15,428	2,106	17,534											
1940	568	328	896	85	981	12,848	4,094	16,942	2,134	19,076											
1941	599	353	952	84	1,036	13,425	4,188	17,613	1,956	19,569											
1942	667	399	1,066	85	1,151	15,451	4,459	19,910	2,002	21,912											
1943	597	481	1,078	89	1,167	16,829	5,397	22,226	2,256	24,482											
1944	926	703	1,629	109	1,738	17,921	5,012	22,933	2,245	25,178											
1945	823	729	1,552	109	1,661	15,359	6,002	21,361	2,326	23,687											
1946	642	687	1,329	111	1,440	13,795	6,724	20,519	2,437	22,956											
1947	904	589	1,493	106	1,599	16,236	4,943	21,179	2,251	23,430											
1948	791	532	1,323	89	1,412	14,721	4,582	19,303	2,143	21,446											
1949	746	494	1,240	<sup>3</sup> 82	1,322	15,632	4,082	19,714	<sup>3</sup> 1,996	21,710											
LAMB AND MUTTON											LARD										
1935	680	147	848	29	877	662	-----	-----	-----	1,276											
1936	701	147	827	27	854	992	-----	-----	-----	1,679											
1937	683	143	826	26	852	759	-----	-----	-----	1,431											
1938	720	151	871	26	897	1,034	-----	-----	-----	1,728											
1939	694	152	846	26	872	1,272	-----	-----	-----	2,037											
1940	702	150	852	24	876	1,527	-----	-----	-----	2,288											
1941	749	150	899	24	923	1,526	-----	-----	-----	2,228											
1942	879	139	1,018	24	1,042	1,724	-----	-----	-----	2,401											
1943	958	122	1,080	24	1,104	2,080	-----	-----	-----	2,865											
1944	887	114	1,001	23	1,024	2,367	-----	-----	-----	3,054											
1945	913	117	1,030	24	1,054	1,311	-----	-----	-----	2,066											
1946	850	96	946	24	970	1,344	-----	-----	-----	2,138											
1947	717	62	779	23	802	1,722	277	1,999	427	2,426											
1948	665	63	728	22	750	1,680	252	1,932	424	2,356											
1949	536	51	587	<sup>3</sup> 20	607	1,923	247	2,170	382	2,552											

<sup>1</sup> Beginning 1940, excludes meat production under Federal inspection in Hawaii and the Virgin Islands.<sup>2</sup> Includes beef and veal slaughter for food use for Government account.<sup>3</sup> Preliminary estimate.

Bureau of Agricultural Economics.

TABLE 497.—Imports of meats and meat food products from foreign countries federally inspected and passed for entry into the United States, 1940-49

Year	Chilled and frozen fresh meats			Cured meat	Canned meat	Sausage (not canned)	Other products <sup>1</sup>	Total
	Beef and veal	Mutton and lamb	Pork					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	13,103.4	54.4	3,270.9	1,895.5	58,263.3	353.0	4,955.7	81,896.2
1941.....	42,044.3	348.9	10,648.2	3,023.9	100,715.7	196.8	12,301.7	169,279.5
1942.....	17,082.3	449.2	11.2	3,465.8	96,888.0	391.4	22,605.7	140,893.6
1943.....	1,152.9	778.3	-----	6,458.0	85,605.5	2,169.4	9,062.4	105,226.5
1944.....	3,431.2	6.3	-----	2,474.2	33,680.0	208.6	6,811.9	46,611.2
1945.....	4,079.4	-----	9.7	12,286.0	54,108.0	236.4	9,273.2	79,972.7
1946.....	3,128.5	9.5	152.2	11,707.3	61,221.2	82.7	2,888.1	79,187.5
1947.....	1,380.0	-----	56.3	3,538.9	37,232.9	11.1	2,438.7	44,657.9
1948.....	83,562.5	2,820.0	98.6	2,870.1	128,159.3	140.3	12,811.4	230,452.2
1949.....	101,553.9	3,697.2	489.9	1,356.9	85,887.0	243.8	13,445.9	206,674.6

<sup>1</sup> Includes oleo stock, oleo oil, oleostearin, edible tallow, extracts and bouillon cubes, pastes, etc. Bureau of Animal Industry.

TABLE 498.—Meats and meat food products prepared and processed under Federal inspection, 1943-49<sup>1</sup>

Product	1943	1944	1945	1946	1947	1948	1949
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Meat placed in cure:							
Beef.....	148,108	117,781	113,129	68,442	124,029	112,540	111,400
Pork.....	3,646,583	3,688,109	2,402,085	2,577,861	3,029,593	3,066,223	3,370,670
Smoked and/or dried:							
Beef.....	42,900	62,615	44,242	28,072	68,103	56,649	51,272
Pork.....	2,210,387	2,257,538	1,487,354	1,599,312	1,840,341	1,885,816	2,025,066
Sausage:							
Fresh, finished.....	391,444	416,235	479,161	315,569	246,968	231,636	238,084
Smoked and/or cooked.....	985,358	1,029,976	1,101,153	973,675	1,019,089	932,457	964,577
To be dried or semidried.....	144,950	142,192	135,881	109,398	136,503	108,835	115,509
Loaf, headcheese, chile con carne, jellied products, etc.....	241,110	209,064	249,762	208,409	191,123	184,054	174,896
Cooked meat:							
Beef.....	28,640	32,923	32,712	24,726	33,339	27,288	29,300
Pork.....	362,004	486,679	323,096	426,106	526,138	524,621	598,097
Canned meat and meat food products:							
Beef.....	109,467	187,107	268,385	146,173	136,452	116,417	79,683
Pork.....	1,211,601	884,390	850,530	644,266	447,471	458,596	491,631
Sausage.....	239,986	229,024	151,865	70,192	117,976	87,066	76,793
Soup.....	218,255	303,533	339,860	392,618	419,173	451,919	408,468
All other.....	490,143	630,174	655,280	482,204	397,479	433,880	391,615
Bacon, sliced.....	488,745	549,857	382,675	522,918	589,091	609,492	712,743
Lard:							
Rendered.....	1,863,781	2,135,936	1,213,855	1,263,212	1,632,749	1,600,601	1,820,995
Refined.....	1,516,397	1,647,097	1,005,257	1,046,816	1,234,736	1,194,742	1,423,391
Canned.....	-----	-----	-----	-----	-----	-----	-----
Rendered pork fat:							
Rendered.....	215,875	230,961	97,089	80,297	89,729	79,575	102,330
Refined.....	126,653	124,685	66,472	54,808	50,602	44,608	58,659
Canned.....	-----	-----	-----	-----	-----	-----	-----
Oleo stock.....	145,385	125,262	135,190	81,867	100,404	74,943	94,697
Edible tallow.....	115,280	84,675	103,358	62,150	88,432	61,775	76,549
Compound containing animal fat.....	328,304	241,224	284,472	263,166	253,774	215,832	214,983
Oleomargarine containing animal fat.....	60,811	52,209	49,666	33,284	36,292	16,723	25,321
Miscellaneous.....	40,698	62,403	46,631	40,452	60,478	77,005	99,188
Total.....	15,371,865	15,931,549	12,019,160	11,515,993	12,870,064	12,653,290	13,755,917

<sup>1</sup> The figures in this table do not represent production, as a product may be inspected more than once in course of further manufacture and some products processed are not under Federal inspection.

Bureau of Animal Industry. Data for 1928-39 in Agricultural Statistics, 1940, table 552. Data for 1940 in the 1941 book, table 547; for 1941 in the 1948 book, table 485, and for 1942 in the 1949 book, table 494.

TABLE 499.—*Meats: <sup>1</sup> Production of beef and veal, pork, mutton and lamb, and total meats in specified countries, average 1934-38, annual 1948 and 1949*

Continent and country	Beef and veal			Pork (excluding lard)			Mutton and lamb			Total <sup>3</sup>		
	Average 1934-38	1948	1949 <sup>2</sup>	Average 1934-38	1948	1949 <sup>2</sup>	Average 1934-38	1948	1949 <sup>2</sup>	Average 1934-38	1948	1949 <sup>2</sup>
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
North America:												
Canada <sup>4</sup> .....	735	1,034	991	621	941	910	61	48	44	1,417	2,023	1,945
Mexico.....	492	794	747	167	242	225	14	24	20	698	1,085	1,020
United States <sup>4</sup> .....	7,974	10,602	10,862	7,337	10,241	10,412	871	753	605	16,182	21,596	21,879
Cuba <sup>4</sup> .....	269	370	370	38	45	37	2	2	2	309	417	409
Europe:												
Austria <sup>4</sup> .....	231	165	130	359	215	250	<sup>7</sup> 18	<sup>7</sup> 12	<sup>7</sup> 12	617	400	401
Belgium.....	304	228	270	367	225	300	<sup>7</sup> 7	<sup>7</sup> 5	<sup>7</sup> 5	693	530	636
Bulgaria <sup>4</sup> .....	105	-----	-----	134	-----	-----	88	-----	-----	337	-----	-----
Czechoslovakia <sup>4</sup> .....	411	261	230	480	405	485	6	5	5	912	685	735
Denmark <sup>4 10</sup> .....	361	240	266	725	379	586	8	6	4	1,105	654	890
Finland <sup>4</sup> .....	115	84	80	122	117	143	10	11	12	256	223	245
France.....	2,200	1,885	2,100	1,494	1,543	1,625	<sup>7</sup> 222	<sup>7</sup> 132	<sup>7</sup> 135	4,015	3,693	3,990
Germany- Western <sup>4</sup> .....	1,550	800	1,000	2,500	930	1,300	45	35	50	4,140	1,825	2,425
Greece <sup>11</sup> .....	32	27	34	40	37	39	<sup>7</sup> 136	<sup>7</sup> 103	<sup>7</sup> 90	208	167	163
Hungary <sup>11</sup> .....	121	-----	-----	386	-----	-----	22	-----	-----	538	-----	-----
Ireland.....	103	159	128	196	105	151	37	38	32	336	302	311
Italy.....	732	<sup>12</sup> 550	<sup>12</sup> 605	675	<sup>12</sup> 660	<sup>12</sup> 700	<sup>7</sup> 108	<sup>7 12</sup> 110	<sup>7 12</sup> 115	1,542	<sup>12 1</sup> 360	<sup>12</sup> 1,460
Netherlands.....	303	176	202	548	209	300	20	7	11	894	414	533
Norway.....	<sup>12</sup> 94	67	81	<sup>13</sup> 89	44	71	<sup>12</sup> 32	25	26	<sup>12</sup> 223	141	184
Poland <sup>12</sup> .....	755	-----	-----	1,655	-----	-----	30	-----	-----	2,450	-----	-----
Rumania.....	<sup>14</sup> 247	-----	-----	<sup>14</sup> 222	-----	-----	<sup>14</sup> 188	-----	-----	<sup>14</sup> 657	-----	-----
Sweden <sup>4</sup> .....	292	236	251	327	331	384	<sup>7</sup> 8	<sup>7</sup> 6	<sup>7</sup> 4	649	595	668
Switzerland.....	217	143	181	190	151	176	4	5	4	419	309	371
United Kingdom <sup>11</sup> .....	1,393	1,117	1,185	1,012	327	530	447	277	315	2,852	1,721	2,030
Yugoslavia.....	243	-----	-----	476	-----	-----	<sup>7</sup> 147	-----	-----	888	-----	-----
U.S.S.R. (Europe and Asia) <sup>13 14</sup> .....	2,855	-----	-----	3,459	-----	-----	978	-----	-----	7,292	-----	-----
South America:												
Argentina.....	3,838	4,290	4,270	<sup>15</sup> 243	<sup>15</sup> 300	<sup>15</sup> 340	378	535	485	4,459	5,125	5,095
Brazil <sup>15</sup> .....	1,821	2,192	2,200	369	497	510	15	39	40	2,214	2,756	2,778
Chile.....	235	281	241	39	55	56	72	93	82	349	432	382
Paraguay.....	167	270	200	-----	-----	-----	-----	-----	-----	167	270	200
Uruguay <sup>15</sup> .....	505	401	546	14	29	21	62	20	39	581	450	606
Africa:												
Union of South Africa.....	421	661	682	64	80	104	<sup>7</sup> 186	<sup>7</sup> 211	<sup>7</sup> 175	671	952	971
Oceania:												
Australia <sup>11</sup> .....	<sup>12 1</sup> 275	1,290	1,310	<sup>12</sup> 211	204	195	<sup>12</sup> 716	643	770	<sup>12 2</sup> 202	2,137	2,275
New Zealand <sup>16</sup> .....	365	411	375	106	83	85	553	677	695	1,024	1,171	1,155

<sup>1</sup> Carcass meat basis—excludes edible offal and lard.<sup>2</sup> Preliminary.<sup>3</sup> Includes other meat, i.e. goat and horse meat. Excludes offal, rabbit and poultry meat.<sup>4</sup> Averages for years 1935-39.<sup>5</sup> Averages for years 1936-40.<sup>6</sup> Averages for years 1933-37.<sup>7</sup> Includes goat meat.<sup>8</sup> Averages for years 1935-38.<sup>9</sup> Year 1936 for prewar.<sup>10</sup> Includes carcass meat equivalent of live animal exports.<sup>11</sup> Averages for years 1936-38.<sup>12</sup> Year beginning July 1.<sup>13</sup> Year 1938 for prewar.<sup>14</sup> Prewar territory.<sup>15</sup> Excludes farm production.<sup>16</sup> Year beginning July 1 for prewar (1936-38); year ending Sept. 30 for years 1948 and 1949.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States Foreign Service officers, and other information. Data for countries having changed boundaries relate to present territory, unless otherwise noted.

TABLE 500.—*Meats and meat food products graded, or certified as complying with specifications, by the U. S. Department of Agriculture, 1930-49*<sup>1</sup>

Year	Principal meats				All other meats, meat food products, and lard	Grand total <sup>2</sup>
	Beef	Veal and calf	Lamb, yearling, and mutton	Total <sup>1</sup>		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1930.....	68,750	1,443	2,470	72,662	9,766	82,428
1931.....	159,433	1,266	4,157	164,856	9,356	174,212
1932.....	207,527	1,356	7,610	216,493	9,726	226,219
1933.....	237,594	1,865	8,013	247,471	10,495	257,966
1934.....	261,798	1,968	9,352	273,119	12,684	285,803
1935.....	267,775	2,772	17,538	288,085	34,970	323,055
1936.....	450,127	3,617	19,021	472,766	59,241	532,007
1937.....	408,353	5,014	23,765	437,131	74,749	511,880
1938.....	602,809	6,180	28,015	637,005	86,267	723,272
1939.....	512,017	5,684	24,214	541,915	99,893	641,808
1940.....	578,436	6,896	24,765	610,096	46,519	656,615
1941.....	789,894	9,701	32,186	831,781	713,556	1,545,337
1942.....	1,485,197	105,535	78,102	1,668,834	2,093,425	3,762,259
1943.....	6,710,714	784,869	990,772	8,486,356	2,794,843	11,281,199
1944.....	8,355,998	1,450,752	1,066,480	10,873,229	2,577,665	13,450,894
1945.....	9,176,756	1,319,006	1,024,290	11,520,052	1,118,082	12,638,134
1946.....	6,849,566	911,661	833,808	8,595,035	744,761	9,339,796
1947.....	2,931,463	236,525	208,870	3,376,858	186,209	3,563,067
1948.....	2,022,295	133,591	146,586	2,302,473	146,436	2,448,908
1949.....	2,279,872	104,175	107,633	2,491,680	130,827	2,622,507

<sup>1</sup> Based on estimated weight of carcasses and meat products. Includes all gradings for the Commodity Credit Corporation. On Sept. 18, 1942, Office of Price Administration RMPR 169 required all Choice beef and veal to be graded by a United States official grader, and on Dec. 16, 1942, the order was revised to include all grades of beef except Cutter and Canner, and of veal except Cull. On Apr. 3, 1943, the order was again revised to include Cutter and Canner beef and Cull veal. On Apr. 10, 1943, RMPR 239 required grading of all lamb and mutton carcasses. On Oct. 16, 1946, grading of all meats was restored to a voluntary basis.

<sup>2</sup> Totals based on unrounded numbers.

Production and Marketing Administration.

TABLE 501.—*Frozen and cured meats and lard: Cold-storage holdings, United States, as of the calendar year high and low, 1940-49*

Calendar year	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton		Edible offal <sup>1</sup>		Lard and rendered pork fat	
	High	Low	High	Low	High	Low	High	Low	High	Low
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	<sup>2</sup> 78,573	<sup>3</sup> 35,663	<sup>4</sup> 652,733	<sup>5</sup> 303,712	<sup>6</sup> 4,803	<sup>7</sup> 3,192	<sup>8</sup> 106,654	<sup>9</sup> 53,062	<sup>10</sup> 306,774	<sup>11</sup> 162,105
1941.....	<sup>2</sup> 114,330	<sup>3</sup> 65,708	<sup>4</sup> 798,455	<sup>5</sup> 313,268	<sup>6</sup> 4,432	<sup>7</sup> 3,211	<sup>8</sup> 101,764	<sup>9</sup> 63,553	<sup>10</sup> 382,506	<sup>11</sup> 176,465
1942.....	<sup>2</sup> 150,410	<sup>3</sup> 81,556	<sup>4</sup> 616,604	<sup>5</sup> 257,445	<sup>6</sup> 26,462	<sup>7</sup> 5,313	<sup>8</sup> 123,229	<sup>9</sup> 71,555	<sup>10</sup> 209,470	<sup>11</sup> 57,434
1943.....	<sup>2</sup> 186,326	<sup>3</sup> 81,744	<sup>4</sup> 627,399	<sup>5</sup> 341,433	<sup>6</sup> 34,819	<sup>7</sup> 8,808	<sup>8</sup> 115,525	<sup>9</sup> 78,902	<sup>10</sup> 260,009	<sup>11</sup> 91,333
1944.....	<sup>2</sup> 293,971	<sup>3</sup> 114,589	<sup>4</sup> 803,357	<sup>5</sup> 296,815	<sup>6</sup> 34,599	<sup>7</sup> 12,721	<sup>8</sup> 152,090	<sup>9</sup> 34,672	<sup>10</sup> 498,235	<sup>11</sup> 90,536
1945.....	<sup>2</sup> 266,943	<sup>3</sup> 107,171	<sup>4</sup> 467,202	<sup>5</sup> 168,028	<sup>6</sup> 20,183	<sup>7</sup> 9,177	<sup>8</sup> 37,009	<sup>9</sup> 23,391	<sup>10</sup> 98,483	<sup>11</sup> 49,728
1946.....	<sup>2</sup> 179,153	<sup>3</sup> 58,749	<sup>4</sup> 426,545	<sup>5</sup> 199,859	<sup>6</sup> 19,189	<sup>7</sup> 8,844	<sup>8</sup> 49,196	<sup>9</sup> 21,631	<sup>10</sup> 79,184	<sup>11</sup> 30,021
1947.....	<sup>2</sup> 191,481	<sup>3</sup> 85,317	<sup>4</sup> 399,473	<sup>5</sup> 187,971	<sup>6</sup> 17,280	<sup>7</sup> 6,645	<sup>8</sup> 70,704	<sup>9</sup> 50,544	<sup>10</sup> 193,736	<sup>11</sup> 68,756
1948.....	<sup>2</sup> 176,110	<sup>3</sup> 68,837	<sup>4</sup> 700,114	<sup>5</sup> 203,163	<sup>6</sup> 23,305	<sup>7</sup> 11,765	<sup>8</sup> 74,261	<sup>9</sup> 34,690	<sup>10</sup> 181,327	<sup>11</sup> 66,526
1949.....	<sup>2</sup> 150,858	<sup>3</sup> 63,076	<sup>4</sup> 611,123	<sup>5</sup> 204,678	<sup>6</sup> 26,209	<sup>7</sup> 6,651	<sup>8</sup> 64,021	<sup>9</sup> 47,642	<sup>10</sup> 179,628	<sup>11</sup> 38,320

<sup>1</sup> Prior to July 1, 1944, trimmings were included with this item; since that date trimmings have been included with the appropriate meats.

<sup>2</sup> Feb. 1. <sup>3</sup> Sept. 1. <sup>4</sup> Apr. 1. <sup>5</sup> Nov. 1. <sup>6</sup> Jan. 1. <sup>7</sup> Mar. 1. <sup>8</sup> July 1. <sup>9</sup> Dec. 1.

<sup>10</sup> Aug. 1. <sup>11</sup> June 1. <sup>12</sup> May 1. <sup>13</sup> Oct. 1.

Production and Marketing Administration.



TABLE 502.—*Meats (carcass weight equivalent) and lard: Production and consumption, United States, 1929-49<sup>1</sup>*

Year	Beef			Veal			Lamb and mutton			Pork, excluding lard			All meats			Lard		
	Pro- duc- tion	Consumption		Pro- duc- tion	Consumption		Pro- duc- tion	Consumption		Pro- duc- tion	Consumption		Pro- duc- tion	Consumption		Pro- duc- tion	Consumption <sup>2</sup>	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita			
<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	
1929 .....	5,871	6,048	49.3	761	766	6.3	682	686	5.6	8,833	8,484	69.2	16,147	15,984	130.4	2,461	1,598	13.0
1930 .....	5,917	6,021	48.6	792	794	6.4	825	824	6.7	8,482	8,246	66.6	16,016	15,885	128.3	2,227	1,584	12.8
1931 .....	6,009	6,025	48.3	823	824	6.6	885	886	7.1	8,739	8,477	67.9	16,456	16,212	129.9	2,307	1,706	13.7
1932 .....	5,789	5,830	46.4	822	822	6.5	884	882	7.0	8,923	8,825	70.3	16,418	16,359	130.2	2,380	1,814	14.4
1933 <sup>3</sup> .....	6,440	6,469	51.2	891	891	7.1	852	849	6.7	9,234	8,885	70.3	17,417	17,094	135.3	2,475	1,772	14.0
1934 <sup>2</sup> .....	8,345	8,066	63.5	1,246	1,182	9.3	851	798	6.3	8,397	8,141	64.0	18,839	18,187	143.1	2,091	1,648	13.0
1935 <sup>4</sup> .....	6,608	6,770	52.9	1,023	1,087	8.5	877	923	7.2	5,919	6,155	48.1	14,427	14,935	116.7	1,276	1,226	9.6
1936 <sup>4</sup> .....	7,358	7,742	60.1	1,075	1,075	8.3	854	849	6.6	7,474	7,061	54.8	16,761	16,727	129.8	1,679	1,449	11.2
1937 .....	6,798	7,107	54.8	1,108	1,108	8.6	852	857	6.6	6,951	7,185	55.4	15,709	16,257	125.4	1,431	1,361	10.5
1938 .....	6,908	7,058	54.0	994	994	7.6	897	894	6.8	7,680	7,554	57.8	16,479	16,500	126.2	1,728	1,440	11.0
1939 .....	7,011	7,159	54.4	991	991	7.5	872	869	6.6	8,660	8,474	64.3	17,534	17,493	132.8	2,037	1,671	12.7
1940 .....	7,175	7,257	54.7	981	981	7.4	876	873	6.6	10,044	9,701	73.0	19,076	18,812	141.7	2,288	1,924	14.5
1941 <sup>4</sup> .....	8,082	8,021	60.5	1,036	1,005	7.6	923	901	6.8	9,528	9,007	67.9	19,569	18,934	142.8	2,228	1,879	14.2
1942 <sup>4</sup> .....	8,843	8,049	60.8	1,151	1,084	8.2	1,042	950	7.2	10,876	8,368	63.3	21,912	18,451	139.5	2,401	1,759	13.3
1943 <sup>4</sup> .....	8,571	6,860	52.9	1,167	1,059	8.2	1,104	830	6.4	13,640	10,172	78.5	24,482	18,921	146.0	2,865	1,820	14.0
1944 <sup>4</sup> .....	9,112	7,146	55.3	1,738	1,594	12.4	1,024	857	6.6	13,304	10,230	79.2	25,178	19,827	153.5	3,054	1,824	14.1
1945 <sup>4</sup> .....	10,275	7,663	59.0	1,661	1,533	11.8	1,054	943	7.3	10,697	8,598	66.3	23,687	18,737	144.4	2,066	1,622	12.5
1946 <sup>4</sup> .....	9,373	8,533	61.3	1,440	1,379	9.9	970	925	6.6	11,173	10,530	75.6	22,956	21,367	153.4	2,138	1,669	12.0
1947 <sup>4</sup> .....	10,428	9,913	69.1	1,599	1,540	10.7	802	765	5.4	10,601	10,018	69.8	23,430	22,236	155.0	2,426	1,928	13.4
1948 <sup>4</sup> .....	9,079	9,157	62.6	1,412	1,373	9.4	750	735	5.0	10,205	9,993	68.4	21,446	21,258	145.4	2,356	2,008	13.7
1949 <sup>4</sup> <sup>5</sup> .....	9,448	9,429	63.5	1,322	1,299	8.7	607	611	4.1	10,333	10,042	67.6	21,710	21,381	143.9	2,552	1,907	12.8

<sup>1</sup> Dressed carcass weight of cattle, calves, sheep, and lambs; pork excluding lard is carcass equivalent weight of hog products minus an allowance for carcass fat rendered for lard. Edible offals are excluded.

<sup>2</sup> Includes lard entering into manufactured products.

<sup>3</sup> Includes meat produced and consumed from animals slaughtered under the emergency Government relief-purchasing and hog-reduction programs. (See footnote 3 in table 490, Agricultural Statistics, 1948.)

<sup>4</sup> The total apparent civilian consumption for the years 1941-49 was obtained

by subtracting ending stocks, lend-lease, other exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, less military personnel eating from military supplies.

<sup>5</sup> Preliminary.

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TABLE 503.—Meats: International trade, average 1934-38, annual 1946-48<sup>1</sup>

Continent and country	Average 1934-38		1946		1947 <sup>2</sup>		1948 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
North America:								
Canada <sup>3</sup>	193,436	24,568	633,299	733	417,907	6,640	411,453	2,794
Mexico	23	1,130	6,246	1,683	15,358	813	92,527	438
United States <sup>4</sup>	114,600	262,000	1,129,300	20,900	283,200	64,500	66,200	349,700
Cuba	82	7,302	15	10,501	6	35,330	1	27,339
Total	308,100	295,000	1,768,800	33,800	716,500	107,300	570,200	380,300
Europe:								
Austria	760	13,097	( <sup>5</sup> )	6 83,800	2,550	6 38,300	1,184	29,900
Belgium	54,501	6,790	20,195	348,032	3,918	225,486	22,560	201,297
Bulgaria <sup>7</sup>	4,715		13	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1,752
Czechoslovakia <sup>7</sup>	637	5,275	( <sup>5</sup> )	6 130,700	11	6 42,550	1	55,922
Denmark <sup>8</sup>	534,141	758	278,971	96	308,265	73	142,753	
Finland	6,435	1,257		8,631	17	4,607		14,021
France	4,698	51,958	663	309,557	4,866	144,015	6,941	53,141
Germany <sup>7</sup>	4,148	156,081		6 44,100		6 31,100		6 165,700
Greece		2,689		6 68,700		6 18,750		6 32,681
Hungary	18,203		( <sup>5</sup> )	6 3,900	3,000		( <sup>5</sup> )	6 346
Iceland	6,248	8	2,294	8		( <sup>5</sup> )	1,178	( <sup>5</sup> )
Ireland	70,881	40	73,843		34,005		27,215	
Italy	11,597	73,542	29	6 117,900	498	57,767	5,163	43,606
Netherlands	85,571	21,974		87,292	2,156	21,012	18,514	74,244
Norway	2,244	4,378	199	13,975	437	2,029	469	3,129
Poland <sup>7</sup>	113,490	62	( <sup>5</sup> )	6 149,400	( <sup>5</sup> )	6 92,650	25,000	6 3,090
Portugal <sup>9</sup>	936	525	280	3,389	259	25,163	4,184	6,274
Rumania <sup>7</sup>	6,179		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	6 300	( <sup>5</sup> )	6 1,394
Spain <sup>10</sup>	2,666	4,733	168	4,308	130	39,068	211	68,694
Sweden <sup>9</sup>	31,097	14,914	440	23,745	221	25,789	6	17,859
Switzerland	1,350	8,515	48	15,753	74	35,834	2,159	36,345
United Kingdom <sup>11</sup>	28,008	3,455,910	2,376	3,551,715	2,040	3,500,381	1,764	2,513,660
Yugoslavia	18,901			6 83,300	8,494	6 15,800	14,028	6 3,347
Total	1,007,400	3,822,500	379,500	5,048,300	373,500	4,320,700	273,300	3,326,400
U.S.S.R. <sup>7</sup>	8,295	6,213		6 231,700	( <sup>5</sup> )	6 24,700	( <sup>5</sup> )	( <sup>5</sup> )
South America:								
Argentina	1,460,045		1,484,229		1,995,747		1,225,500	
Brazil	213,538	2,563	218,421	6,430	122,076	354	164,488	( <sup>5</sup> )
Chile	20,977	70	26,387	445	16,998	130	13,835	( <sup>5</sup> )
Paraguay	16,483	16	78,952		31,232		40,000	
Uruguay	323,623	44	288,860		149,833		196,149	
Total	2,034,700	2,700	2,096,800	6,900	2,315,900	500	1,640,000	
Africa:								
Madagascar	30,410	434	24,200	16	41,892	107	49,774	157
Southern Rhodesia	18,601	186	17,259	600	16,122	616	6,622	1,144
Union of South Africa	13,542	19,643	3,812	25,996	13 3,000	6 20,800	13 4,819	6 24,369
Total	62,500	20,300	45,300	26,600	61,000	21,500	61,200	25,600
Oceania:								
Australia	495,742	7	513,278		536,595		456,162	
New Zealand	594,138		794,033		805,585		778,524	
Total	1,089,900		1,307,300		1,342,200		1,234,700	
World total	4,510,900	4,146,700	5,597,700	15,347,300	4,809,100	4,474,700	3,779,400	3,732,300

<sup>1</sup> All meats converted to a carcass weight equivalent. Includes beef and veal, pork, mutton and lamb, goat and horse meat; excludes live animals, edible offal, lard, rabbit and poultry meat.

<sup>2</sup> Preliminary.

<sup>3</sup> Averages for years 1935-39.

<sup>4</sup> Excludes exports of horse meat, which averaged 2 million pounds in 1935-39, 4 million in 1946, 124 million in 1947, and 114 million in 1948.

<sup>5</sup> Not available.

<sup>6</sup> Based on exports from supplying countries reporting exports by destination.

<sup>7</sup> Present territory for postwar years.

<sup>8</sup> Includes carcass weight equivalent of live cattle exported.

<sup>9</sup> Averages for years 1934-37.

<sup>10</sup> Averages for years 1931-35.

<sup>11</sup> Includes edible offal.

<sup>12</sup> Based on imports into receiving countries reporting imports by origin.

<sup>13</sup> Estimate based on exports for 6 months.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Foreign Service officers, and other available information, although in postwar years some international trade may have been excluded because of lack of information upon which to base estimates.

TABLE 504.—*Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1940-49*

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1940.....	9,756	59.1	5,359	19.3	17,351	44.5	5	0	50,398	128.5	19	0.2
1941.....	10,946	64.5	5,461	20.5	18,125	56.2	10	.1	46,520	125.6	26	.2
1942.....	12,347	65.3	5,760	21.2	21,625	103.5	25	.2	53,897	133.0	29	.4
1943.....	11,727	64.0	5,209	23.8	23,363	110.5	14	.1	63,431	141.5	57	1.3
1944.....	13,960	81.2	7,770	45.9	21,876	93.4	7	0	69,017	158.3	52	.1
1945.....	14,521	74.7	7,017	49.7	21,217	92.8	13	.2	40,914	115.6	78	1.4
1946.....	11,413	59.7	5,842	46.7	19,855	85.0	87	.4	44,394	107.7	192	2.3
1947.....	11,536	83.5	7,939	57.0	16,667	76.0	114	.4	49,116	115.8	276	2.3
1948.....	13,004	69.7	6,907	40.9	15,346	83.2	358	2.7	47,615	101.3	304	2.1
1949.....	13,232	63.7	6,450	36.7	12,139	57.5	198	.8	53,032	122.2	238	1.1

Bureau of Animal Industry. These figures do not include ante-mortem cases or parts of carcasses, data concerning which may be obtained from the Meat Inspection Division.

TABLE 505.—*Hides, country: Average price per pound, Chicago, 1939-48*

Year	Ex-tremes	Heavy steers	Heavy cows	No. 1 buffs	No. 2 buffs	Bulls	Country, packer brands	Country branded	City calf-skins	City kip-skins
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1939.....	11.74	9.13	8.70	9.75	8.75	6.76	9.44	9.02	18.51	14.80
1940.....	12.47	9.27	8.88	10.49	9.49	6.09	10.07	9.67	21.85	18.02
1941.....	14.28	11.68	11.30	13.39	12.39	7.34	12.27	11.92	23.59	18.77
1942.....	15.50	13.50	13.00	15.50	14.50	9.83	13.94	13.64	23.00	18.00
1943.....	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1944.....	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1945.....	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1946.....	17.15	14.72	14.25	16.67	15.67	11.52	15.37	14.92	29.77	20.23
1947.....	22.96	17.22	17.35	20.52	19.52	12.85	21.89	20.88	61.63	36.87
1948.....	22.77	17.89	17.89	19.66	18.66	12.18	21.77	20.77	43.58	28.55

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade. Data for earlier years in 1931 Yearbook, table 429, and Agricultural Statistics, 1941, table 556. No comparable data available since 1948.

TABLE 506.—*Hides, packer: Average price per pound, Chicago, 1940-49*

Year	Steers					Cows			Bulls	
	Heavy native	Heavy Texas	Light Texas	Butt branded	Colo-rados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1940.....	12.50	11.95	11.26	11.94	11.46	12.20	12.64	11.78	8.94	7.94
1941.....	14.49	14.08	13.90	13.96	13.70	14.31	14.68	14.16	11.18	10.18
1942.....	15.50	14.50	14.50	14.50	14.22	15.50	15.50	14.50	12.00	11.00
1943.....	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1944.....	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1945.....	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1946.....	18.55	17.35	17.35	17.35	17.29	18.41	18.36	17.32	14.21	13.17
1947.....	27.25	24.90	24.90	24.90	24.42	26.77	28.70	25.95	19.37	18.37
1948.....	27.73	25.54	25.64	25.54	25.01	27.93	28.39	26.26	17.83	16.83
1949.....	22.16	19.98	21.39	19.98	19.46	22.16	25.25	21.12	16.81	15.81

<sup>1</sup> Compiled from records of the Livestock Branch, Production and Marketing Administration.

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade.

TABLE 507.—*Horses and mules: Number on farms, and value, United States, Jan. 1, 1930-50*<sup>1</sup>

Year	Horses			Mules		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars
1930 <sup>2</sup> .....	13,384			5,351		
1930.....	13,742	69.98	961,664	5,382	83.93	451,725
1931.....	13,195	60.64	800,198	5,273	69.23	365,049
1932.....	12,664	53.48	677,211	5,148	60.70	312,494
1933.....	12,291	54.12	665,178	5,046	60.42	304,895
1934.....	12,052	66.88	805,994	4,945	82.42	407,566
1935 <sup>2</sup> .....	11,868			4,818		
1935.....	11,861	77.05	913,870	4,822	99.34	478,998
1936.....	11,598	96.73	1,121,851	4,628	120.63	558,253
1937.....	11,342	99.14	1,124,405	4,460	130.25	580,911
1938.....	10,995	90.89	999,365	4,250	123.39	524,409
1939.....	10,629	84.32	896,201	4,163	118.58	493,654
1940 <sup>2</sup> .....	10,087			5,845		
1940.....	10,444	77.30	807,611	4,034	116.00	466,793
1941.....	10,193	68.20	695,216	3,911	107.00	419,013
1942.....	9,873	64.70	638,296	3,782	107.00	408,980
1943.....	9,605	79.80	766,384	3,626	127.00	462,201
1944.....	9,192	78.60	722,782	3,421	143.00	490,371
1945 <sup>2</sup> .....	8,499			5,150		
1945.....	8,715	64.90	565,363	3,235	134.00	433,776
1946.....	8,053	57.40	462,384	3,010	133.00	400,705
1947.....	7,249	59.20	428,798	2,772	141.00	389,776
1948.....	6,589	55.50	365,802	2,541	133.00	337,409
1949.....	5,898	52.30	308,682	2,348	117.00	274,012
1950 <sup>3</sup> .....	5,310	45.70	242,879	2,153	99.40	214,018

<sup>1</sup> Including colts.<sup>2</sup> Italic figures are from the census, Census dates: Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. 1930 and 1940 exclude spring-born colts.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 579.

TABLE 508.—*Horses and mules: Number on farms, by classes, United States, Jan. 1, 1930-50*

Year	Horses				Mules			
	All horses	2 years and over	1-2 years	Under 1 year	All mules	2 years and over	1-2 years	Under 1 year
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930.....	13,742	12,772	475	495	5,382	5,209	94	79
1931.....	13,195	12,253	489	453	5,273	5,122	82	69
1932.....	12,664	11,797	454	413	5,148	5,025	72	51
1933.....	12,291	11,461	414	416	5,046	4,943	54	49
1934.....	12,052	11,141	416	495	4,945	4,843	51	51
1935.....	11,861	10,761	490	610	4,822	4,712	52	58
1936.....	11,598	10,338	605	655	4,628	4,501	54	73
1937.....	11,342	10,016	642	684	4,460	4,314	62	84
1938.....	10,995	9,609	680	706	4,250	4,081	69	100
1939.....	10,629	9,310	685	634	4,163	3,963	86	114
1940.....	10,444	9,200	623	621	4,034	3,800	101	133
1941.....	10,193	9,000	602	591	3,911	3,651	120	140
1942.....	9,873	8,810	560	503	3,782	3,636	116	130
1943.....	9,605	8,718	485	402	3,626	3,399	115	112
1944.....	9,192	8,444	384	364	3,421	3,224	99	98
1945.....	8,715	8,059	343	313	3,235	3,057	91	87
1946.....	8,053	7,522	291	240	3,010	2,870	75	65
1947.....	7,249	6,812	230	207	2,772	2,662	59	51
1948.....	6,589	6,206	195	188	2,541	2,452	48	41
1949.....	5,898	5,552	176	170	2,348	2,281	37	30
1950 <sup>1</sup> .....	5,310	5,007	161	142	2,153	2,102	29	22

<sup>1</sup> Preliminary.

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TABLE 509.—*Horses: Number on farms, and value per head, by States, Jan. 1, average 1939-48, annual 1948-50*<sup>1</sup>

State and division	Number				Farm value per head			
	Average 1939-48	1948	1949	1950 <sup>2</sup>	Average 1939-48	1948	1949	1950 <sup>2</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	36	31	28	25	149.00	120.00	112.00	75.00
New Hampshire.....	14	12	11	10	142.00	116.00	82.00	62.00
Vermont.....	40	36	33	30	132.00	92.00	70.00	51.00
Massachusetts.....	19	15	14	13	145.00	112.00	85.00	65.00
Rhode Island.....	2	1	1	1	144.00	114.00	90.00	68.00
Connecticut.....	16	12	10	9	151.00	116.00	94.00	70.00
New York.....	247	182	167	145	120.00	80.00	77.00	63.00
New Jersey.....	24	17	13	11	119.00	77.00	70.00	70.00
Pennsylvania.....	221	153	130	110	107.00	76.00	72.00	65.00
North Atlantic.....	620	459	407	354	120.00	85.20	77.90	63.90
Ohio.....	333	184	153	132	77.10	60.00	59.00	54.00
Indiana.....	262	147	122	107	71.90	51.00	53.00	49.00
Illinois.....	439	249	212	180	68.50	49.00	50.00	45.00
Michigan.....	287	143	124	100	77.20	50.00	53.00	47.00
Wisconsin.....	436	300	264	224	91.50	69.00	67.00	62.00
East North Central.....	1,737	1,023	875	743	77.30	57.30	57.50	52.60
Minnesota.....	531	345	304	264	65.40	50.00	54.00	46.00
Iowa.....	601	346	291	242	65.10	47.00	48.00	43.00
Missouri.....	500	428	394	347	58.40	43.00	42.00	36.00
North Dakota.....	299	178	164	153	44.40	36.00	38.00	34.00
South Dakota.....	314	219	195	170	45.10	35.00	38.00	30.00
Nebraska.....	424	301	262	236	49.30	36.00	37.00	33.00
Kansas.....	348	246	219	206	51.90	36.00	36.00	32.00
West North Central.....	3,017	2,063	1,829	1,618	56.20	41.50	42.70	36.90
North Central.....	4,754	3,086	2,704	2,361	64.00	46.70	47.50	41.80
Delaware.....	12	9	8	7	87.40	81.00	78.00	65.00
Maryland.....	71	53	46	41	94.60	81.00	76.00	64.00
Virginia.....	163	148	139	129	103.00	91.00	86.00	73.00
West Virginia.....	99	93	90	86	98.40	78.00	75.00	69.00
North Carolina.....	87	94	85	82	125.00	124.00	97.00	96.00
South Carolina.....	23	24	23	21	120.00	122.00	119.00	105.00
Georgia.....	37	38	37	34	112.00	116.00	101.00	84.00
Florida.....	24	26	24	23	102.00	102.00	102.00	84.00
South Atlantic.....	516	485	452	423	106.00	97.70	88.50	78.70
Kentucky.....	230	204	192	177	83.00	71.00	62.00	52.00
Tennessee.....	164	145	133	120	90.50	85.00	64.00	52.00
Alabama.....	64	62	58	56	95.20	93.00	75.00	62.00
Mississippi.....	116	115	109	104	79.00	70.00	55.00	45.00
Arkansas.....	170	150	142	135	58.30	48.00	41.00	34.00
Louisiana.....	140	121	115	109	65.90	68.00	52.00	47.00
Oklahoma.....	331	257	231	213	45.00	32.00	31.00	26.00
Texas.....	565	440	387	352	52.80	47.00	40.00	35.00
South Central.....	1,779	1,494	1,367	1,266	63.60	56.90	47.70	40.40
Montana.....	233	175	159	153	38.00	30.00	32.00	26.00
Idaho.....	153	108	93	86	51.10	43.00	41.00	38.00
Wyoming.....	116	92	84	80	38.60	30.00	30.00	25.00
Colorado.....	195	140	126	112	47.20	35.00	30.00	30.00
New Mexico.....	114	93	84	81	42.10	38.00	36.00	32.00
Arizona.....	74	70	66	65	59.50	60.00	60.00	60.00
Utah.....	76	66	61	57	65.70	56.00	56.00	52.00
Nevada.....	38	37	36	35	66.30	53.00	53.00	51.00
Washington.....	109	70	62	54	59.10	53.00	55.00	41.00
Oregon.....	118	84	79	72	59.80	49.00	46.00	38.00
California.....	158	130	118	111	92.30	87.00	74.00	74.00
Western.....	1,385	1,065	968	906	54.40	47.00	44.70	40.90
United States.....	9,054	6,589	5,898	5,310	69.00	55.50	52.30	45.70

<sup>1</sup> Including colts.<sup>2</sup> Preliminary.

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TABLE 510.—*Mules: Number on farms, and farm value per head, by States, Jan. 1, average 1939-48, annual 1948-50*<sup>1</sup>

State and division	Number				Farm value per head			
	Average 1939-48	1948	1949	1950 <sup>2</sup>	Average 1939-48	1948	1949	1950 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
New York.....	3	2	2	2	126.00	80.00	78.00	75.00
New Jersey.....	3	2	1	1	126.00	86.00	75.00	72.00
Pennsylvania.....	34	18	14	11	121.00	88.00	88.00	76.00
North Atlantic.....	41	22	17	14	122.00	87.10	86.10	75.60
Ohio.....	19	9	7	6	88.90	75.00	72.00	65.00
Indiana.....	41	16	14	11	95.30	78.00	70.00	68.00
Illinois.....	56	23	18	16	87.00	75.00	68.00	61.00
Michigan.....	4	2	2	1	85.10	59.00	50.00	47.00
Wisconsin.....	4	2	1	1	97.00	72.00	63.00	63.00
East North Central.....	124	52	42	35	90.20	75.20	68.40	63.50
Minnesota.....	6	2	1	1	72.50	56.00	60.00	52.00
Iowa.....	32	10	7	6	79.70	65.00	61.00	53.00
Missouri.....	174	105	88	79	86.30	74.00	68.00	57.00
North Dakota.....	1	1	1	1	56.60	40.00	44.00	41.00
South Dakota.....	4	2	2	1	59.70	48.00	52.00	35.00
Nebraska.....	34	12	9	9	67.80	53.00	52.00	47.00
Kansas.....	48	19	16	14	70.90	59.00	58.00	48.00
West North Central.....	301	151	124	111	80.70	69.00	64.60	54.50
North Central.....	424	203	166	146	83.50	70.60	65.60	56.60
Delaware.....	6	4	3	3	114.00	100.00	100.00	75.00
Maryland.....	20	12	9	8	120.00	97.00	94.00	75.00
Virginia.....	85	73	69	66	151.00	153.00	152.00	133.00
West Virginia.....	9	5	5	5	103.00	84.00	84.00	74.00
North Carolina.....	292	269	261	248	198.00	219.00	199.00	179.00
South Carolina.....	171	157	154	151	194.00	209.00	194.00	184.00
Georgia.....	295	257	244	224	178.00	197.00	173.00	131.00
Florida.....	35	30	29	28	152.00	165.00	135.00	120.00
South Atlantic.....	912	807	774	733	182.00	199.00	181.00	157.00
Kentucky.....	206	171	154	136	111.00	105.00	89.00	74.00
Tennessee.....	274	234	225	205	125.00	122.00	92.00	73.00
Alabama.....	274	222	206	190	142.00	145.00	122.00	98.00
Mississippi.....	339	306	294	276	124.00	114.00	96.00	71.00
Arkansas.....	234	165	153	135	93.50	84.00	68.00	56.00
Louisiana.....	166	136	126	117	114.00	111.00	89.00	79.00
Oklahoma.....	107	40	34	27	66.70	55.00	48.00	39.00
Texas.....	408	191	160	139	78.90	68.00	52.00	48.00
South Central.....	2,007	1,465	1,352	1,225	110.00	108.00	88.30	71.70
Montana.....	2	2	1	1	70.00	60.00	56.00	52.00
Idaho.....	4	3	3	3	70.70	58.00	60.00	48.00
Wyoming.....	1	1	1	1	62.10	41.00	41.00	34.00
Colorado.....	10	6	5	4	71.50	62.00	54.00	44.00
New Mexico.....	9	6	6	5	64.10	56.00	42.00	47.00
Arizona.....	8	6	5	5	80.40	85.00	73.00	73.00
Utah.....	1	1	1	1	85.90	65.00	65.00	60.00
Nevada.....	1	1	1	1	79.90	60.00	65.00	60.00
Washington.....	4	2	2	2	68.30	61.00	61.00	45.00
Oregon.....	4	3	3	2	71.10	60.00	57.00	50.00
California.....	20	13	11	10	101.00	77.00	68.00	75.00
Western.....	65	44	39	35	80.60	67.80	59.90	59.00
United States.....	3,450	2,541	2,348	2,153	126.00	133.00	117.00	99.40

<sup>1</sup> Including colts.<sup>2</sup> Preliminary.

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TABLE 511.—*Sleeping sickness (infectious equine encephalomyelitis): Incidence and mortality in horses and mules, by geographic divisions, 1949, and total for 1940-49*

Division and year	Horses and mules in affected areas	Animals affected	Cases per 1,000 horses and mules	Total deaths	Percentage of deaths among affected animals	Month of report of—	
						First case	Last case
					Percent		
New England.....	1,360	1	0.7	1	100	June	June
Middle Atlantic.....	650	3	4.6	3	100	July	November
East North Central.....	343,268	171	.5	66	39	January	December
West North Central.....	1,303,603	668	.5	181	27	January	November
South Atlantic.....	90,442	125	1.4	96	77	January	December
East South Central.....	62,001	41	.7	16	39	January	September
West South Central.....	667,177	2,129	3.2	1,804	85	January	November
Mountain.....	467,548	590	1.3	186	32	March	November
Pacific.....	202,727	309	1.5	73	24	April	December
Total, 1949.....	3,138,776	4,037	1.3	2,426	60	January	December
Total:							
1940.....	6,560,820	16,941	<sup>1</sup> 2.6	4,187	<sup>2</sup> 25	January	November
1941.....	6,015,397	36,872	<sup>2</sup> 6.1	8,210	<sup>3</sup> 28	March	December
1942.....	4,785,575	4,939	1.0	1,334	<sup>4</sup> 30	January	December
1943.....	4,045,160	4,768	<sup>5</sup> 1.1	1,622	<sup>6</sup> 30	March	November
1944.....	5,465,117	19,590	<sup>2</sup> 2.9	4,779	<sup>2</sup> 24	January	December
1945.....	3,691,066	3,212	.9	1,165	36	January	December
1946.....	3,137,321	2,805	.9	957	34	January	December
1947.....	4,083,781	8,716	2.1	5,086	58	January	December
1948.....	2,268,823	<sup>7</sup> 1,796	.8	<sup>7</sup> 638	36	January	December

<sup>1</sup> Alabama, Colorado, Georgia, Louisiana, Maryland, Michigan, Missouri, New Jersey, and New York not included in calculations.

<sup>2</sup> Arkansas not included in calculations.

<sup>3</sup> Arkansas, Colorado, Indiana, Michigan, Minnesota, Missouri, New Mexico, and Oregon not included in calculations.

<sup>4</sup> Minnesota, Missouri, and Utah not included in calculations.

<sup>5</sup> Missouri not included in calculations.

<sup>6</sup> New York, Michigan, and Missouri not included in calculations.

<sup>7</sup> This total includes three cases which occurred in Pennsylvania, that are not given in the total for the Middle Atlantic States. The horses were shipped to Pennsylvania from Oklahoma; two were dead upon arrival; one died 7 weeks later.

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TABLE 512.—*Rabies: Number of cases and kind of animals affected, United States, 1940-49*

Year	Number of cases among—								Total
	Dogs	Cattle	Cats	Sheep	Hogs	Horses	Goats	Miscellaneous animals	
1940.....	6,194	326	260	53	71	25	4	277	28
1941.....	6,648	418	294	68	159	39	9	212	30
1942.....	6,332	284	250	48	32	15	12	160	28
1943.....	8,515	349	316	45	60	35	19	310	41
1944.....	9,067	561	419	40	43	32	14	311	53
1945.....	8,505	487	466	11	30	46	10	373	35
1946.....	8,384	962	455	15	22	44	12	956	22
1947.....	6,949	766	393	15	20	40	9	728	26
1948.....	6,610	599	378	14	36	34	5	819	13
1949.....	5,237	639	413	22	54	24	6	1,192	10

Bureau of Animal Industry.

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TABLE 513.—*Animal units fed: Grain-consuming and roughage-consuming livestock on farms, United States, 1929-49*

Year beginning October—	Grain-consuming livestock	Roughage-consuming livestock	Year beginning October—	Grain-consuming livestock	Roughage-consuming livestock
	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>
1929.....	153,616	69,355	1940.....	155,935	72,158
1930.....	152,401	70,737	1941.....	167,317	75,215
1931.....	156,047	72,276	1942.....	192,411	78,206
1932.....	159,518	74,628	1943.....	193,107	79,579
1933.....	153,688	77,356	1944.....	173,672	78,726
1934.....	131,054	72,613	1945.....	167,818	75,347
1935.....	138,509	71,334	1946.....	161,365	72,822
1936.....	137,612	69,688	1947.....	155,688	69,420
1937.....	137,678	68,356	1948.....	162,956	68,162
1938.....	148,501	68,191	1949 <sup>1</sup> .....	170,081	68,678
1939.....	156,038	70,063			

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. A detailed explanation of the basis of these figures can be found in the processed report F.M.-64, *Animal Units of Livestock Fed Annually, 1919-20 to 1946-47* (November 1947). Data for 1919-28 in *Agricultural Statistics, 1948*, table 499.

TABLE 514.—*Index numbers of livestock and poultry on farms, United States, Jan. 1, 1930-50<sup>1</sup>*

[1935-39=100]

Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk animals <sup>4</sup>	Poultry <sup>5</sup>	Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk animals <sup>4</sup>	Poultry <sup>5</sup>
1930.....	103	98	93	115	1941.....	106	110	104	105
1931.....	104	100	96	110	1942.....	112	117	107	118
1932.....	107	105	100	107	1943.....	120	128	111	132
1933.....	111	111	104	110	1944.....	126	135	114	142
1934.....	113	114	108	107	1945.....	117	125	113	127
1935.....	101	101	104	96	1946.....	113	122	109	132
1936.....	101	101	100	99	1947.....	109	118	106	117
1937.....	99	99	99	105	1948.....	104	114	102	112
1938.....	98	98	98	96	1949.....	103	114	100	110
1939.....	100	102	99	104	1950 <sup>6</sup> .....	105	117	102	118
1940.....	106	108	101	110					

<sup>1</sup> Weights for combining the different species are based on the 1937-41 average sales value per head, except for horses and mules where the 1941 average sales value per head is used. Allowing the average sales value per head for milk cows to equal 1.00, the value per head for other kinds of livestock and poultry is expressed in terms of the value for milk cows. The weights used are as follows: Milk cows, 1.00, other cattle and calves 0.75, hogs 0.29, sheep and lambs 0.10, horses 0.97, mules 1.23, chickens 0.01, and turkeys 0.043.

<sup>2</sup> Milk cows, other cattle and calves, hogs, sheep and lambs, horses, mules, chickens, and turkeys.

<sup>3</sup> Milk cows, other cattle and calves, hogs, and sheep and lambs.

<sup>4</sup> Milk cows, heifers, 1-2 years old being kept for milk cows, and heifer calves saved for milk cows. Weights for combining the three classes of milk animals are based on 1937-41 average sales value per head, using relationship of 1937-41 average Jan. 1 values per head for each class to milk cows to determine sales value per head for heifers 1-2 years old, and heifer calves. The weights used are as follows: Milk cows 1.00; heifers 1-2 years old, 0.54; heifer calves 0.31.

<sup>5</sup> Chickens and turkeys.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1867-1929 in *Agricultural Statistics, 1948*, table 500.



## CHAPTER VII

### DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products.

New data appearing for the first time this year are included on feeds for milk cows. In the following paragraphs special attention is called to certain items, in order to prevent unnecessary confusion.

Data on numbers of milk cows include two separate series. The January 1 inventory number is the total of cows and heifers kept for milk of the specific age classification "2 years old and older." The other series, an annual average number of milk cows milked during the year, is the basis for milk production estimates. The number of cows and heifers in the former series is somewhat larger than in the latter, because it includes heifers over 2 years of age which have not yet freshened.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk of butterfat content as actually sold (about 3.91 percent), while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry production statistics in this chapter include inventory numbers of chickens by classes; the production, disposition, and cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; commercial hatchery production; turkey production, disposition, cash receipts, and gross income; and liquid and dried egg production.

**TABLE 515.—Cows, heifers, and heifer calves kept for milk purposes: Number on farms Jan. 1, value, and number eliminated during year, United States, 1930-49**

Year	Cows and heifers 2 years old and older, kept for milk			Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows	Cows and heifers eliminated during year <sup>1</sup>
	Number	Value per head	Total value			
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930 <sup>2</sup>	21,124					
1930	23,032	82.70	1,904,794	4,851	5,199	4,062
1931	23,820	57.03	1,358,529	4,962	5,189	3,885
1932	24,896	39.51	983,671	5,020	5,449	3,979
1933	25,936	29.18	756,846	5,250	5,674	4,254
1934	26,931	27.00	727,039	5,382	5,675	6,243
1935 <sup>2</sup>	24,582					
1935	26,082	30.17	786,971	4,995	5,280	5,881
1936	25,196	49.32	1,242,753	4,772	5,484	5,319
1937	24,649	50.45	1,243,548	4,899	5,305	5,082
1938	24,466	54.52	1,333,730	4,808	5,500	4,674
1939	24,600	55.73	1,370,974	5,122	5,904	4,796
1940 <sup>2</sup>	21,937					
1940	24,940	57.30	1,428,239	5,525	5,967	5,012
1941	25,453	60.90	1,550,458	5,676	6,254	4,816
1942	26,313	77.90	2,049,349	5,889	6,635	5,064
1943	27,138	99.50	2,701,094	6,067	7,035	5,501
1944	27,704	102.00	2,829,804	6,352	7,201	6,286
1945 <sup>2</sup>	22,803					
1945	27,770	99.40	2,760,705	6,307	6,772	7,382
1946	26,695	112.00	2,994,437	5,803	6,595	6,400
1947	26,098	145.00	3,787,080	5,602	6,768	6,661
1948	25,039	164.00	4,102,968	5,649	6,487	6,272
1949	24,416	193.00	4,715,844	5,496	6,616	5,287
1950 <sup>3</sup>	24,625	177.00	4,350,936	5,610	7,030	

<sup>1</sup> Number of cows and heifers 2 years old and over Jan. 1, plus number of heifers 1 to 2 years Jan. 1, less number of cows and heifers 2 years old and over on Jan. 1 of the following year.

<sup>2</sup> Italic figures are from Census of Agriculture. Figures for census years 1930, 1935, 1940, and 1945 represent number of cows milked in 1929, 1934, 1939, and 1944. Census dates were Apr. 1, 1930, Jan. 1, 1935, Apr. 1, 1940, and Jan. 1, 1945.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 584.

TABLE 516.—Cows and heifers 2 years old and over kept for milk: Number on farms, and value, by States, Jan. 1, average 1939-48, annual 1949 and 1950

State and division <sup>1</sup>	Number			Value per head			Total value		
	Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	132	121	121	100.00	176.00	169.00	13,106	21,296	20,449
New Hampshire.....	75	70	70	124.00	224.00	200.00	9,227	15,680	14,000
Vermont.....	300	293	288	117.00	225.00	190.00	34,984	65,925	54,720
Massachusetts.....	139	124	123	154.00	268.00	254.00	21,257	33,232	31,242
Rhode Island.....	22	21	21	167.00	268.00	251.00	3,518	5,628	5,271
Connecticut.....	127	115	118	158.00	265.00	248.00	19,947	30,500	29,264
New York.....	1,431	1,453	1,483	139.00	262.00	221.00	198,967	380,686	327,743
New Jersey.....	153	159	162	189.00	356.00	285.00	29,254	56,604	46,170
Pennsylvania.....	936	1,000	1,020	130.00	233.00	210.00	123,313	233,000	214,200
North Atlantic.....	3,314	3,356	3,406	136.00	251.00	218.00	454,572	842,641	743,059
Ohio.....	1,072	1,060	1,060	101.00	193.00	175.00	109,516	204,580	185,500
Indiana.....	792	743	728	99.70	190.00	174.00	79,232	141,170	126,672
Illinois.....	1,139	1,012	992	107.00	208.00	191.00	121,957	210,496	189,472
Michigan.....	1,010	1,006	1,016	109.00	220.00	195.00	111,627	221,320	198,120
Wisconsin.....	2,434	2,432	2,432	123.00	235.00	214.00	304,356	571,520	520,448
East North Central.....	6,446	6,253	6,228	112.00	216.00	196.00	726,688	1,349,086	1,220,212
Minnesota.....	1,759	1,516	1,486	102.00	214.00	195.00	178,231	324,424	289,770
Iowa.....	1,448	1,194	1,182	104.00	202.00	186.00	148,204	241,188	219,852
Missouri.....	1,004	956	975	81.10	163.00	152.00	81,990	155,828	148,200
North Dakota.....	544	417	421	93.10	197.00	190.00	49,710	82,149	79,990
South Dakota.....	499	379	379	93.90	200.00	182.00	45,835	75,800	68,978
Nebraska.....	618	494	477	96.30	201.00	186.00	58,327	99,294	88,722
Kansas.....	752	622	628	91.80	188.00	176.00	68,296	116,936	110,528
West North Central.....	6,625	5,578	5,548	96.20	196.00	181.00	630,592	1,095,619	1,006,040
North Central.....	13,071	11,831	11,776	104.00	207.00	189.00	1,357,280	2,444,705	2,226,252
Delaware.....	38	37	37	111.00	190.00	185.00	4,198	7,030	6,845
Maryland.....	216	234	245	112.00	205.00	195.00	24,562	47,970	47,775
Virginia.....	449	478	497	81.90	162.00	153.00	37,347	77,436	76,041
West Virginia.....	239	232	234	77.20	160.00	139.00	18,375	37,120	32,526
North Carolina.....	372	372	387	71.60	131.00	128.00	26,932	48,732	49,536
South Carolina.....	179	172	172	68.90	121.00	124.00	12,423	20,812	21,328
Georgia.....	386	379	406	60.00	116.00	123.00	23,436	43,964	49,938
Florida.....	129	148	152	69.90	120.00	120.00	9,263	17,760	18,240
South Atlantic.....	2,006	2,052	2,130	77.10	147.00	142.00	156,536	300,824	302,229
Kentucky.....	605	628	634	74.60	151.00	137.00	45,731	94,828	86,858
Tennessee.....	618	621	640	68.20	134.00	129.00	42,732	83,214	82,560
Alabama.....	433	413	430	59.50	118.00	117.00	26,148	48,734	50,310
Mississippi.....	570	527	543	53.90	113.00	111.00	30,907	59,551	60,273
Arkansas.....	498	427	444	57.20	127.00	117.00	28,378	54,229	51,948
Louisiana.....	353	318	331	61.00	122.00	128.00	21,734	38,796	42,368
Oklahoma.....	814	648	654	68.30	154.00	141.00	55,199	99,792	92,214
Texas.....	1,484	1,283	1,296	65.80	135.00	139.00	97,381	173,205	180,144
South Central.....	5,375	4,865	4,972	64.50	134.00	130.00	348,210	652,349	646,675
Montana.....	158	131	128	103.00	205.00	185.00	16,036	26,855	23,680
Idaho.....	244	227	222	98.30	203.00	185.00	24,101	46,081	41,070
Wyoming.....	68	56	56	97.90	194.00	190.00	6,553	10,864	10,640
Colorado.....	237	206	202	92.10	200.00	195.00	21,651	41,200	39,390
New Mexico.....	76	60	60	75.70	180.00	174.00	5,578	10,800	10,440
Arizona.....	49	46	47	103.00	205.00	200.00	5,024	9,430	9,400
Utah.....	114	113	116	98.80	196.00	190.00	11,436	22,148	22,040
Nevada.....	21	21	21	108.00	200.00	195.00	2,252	4,200	4,095
Washington.....	360	329	329	96.50	203.00	174.00	34,564	66,787	57,246
Oregon.....	268	238	240	86.20	185.00	151.00	22,906	44,030	36,240
California.....	815	885	920	109.00	218.00	194.00	90,812	192,930	178,480
Western.....	2,408	2,312	2,341	99.50	206.00	185.00	240,912	475,325	432,721
United States.....	26,175	24,416	24,625	97.40	193.00	177.00	2,557,511	4,715,844	4,350,936

<sup>1</sup> Preliminary.

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TABLE 517.—*Heifers and heifer calves kept for milk cows: Number on farms, by States, Jan. 1, average 1939-48, annual 1949 and 1950*

State and division	Heifers 1 to 2 years old being kept for milk cows			Heifer calves under 1 year being kept for milk cows		
	Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Maine.....	34	34	35	37	36	38
New Hampshire.....	18	18	17	19	20	21
Vermont.....	60	58	61	63	63	65
Massachusetts.....	23	21	22	24	23	25
Rhode Island.....	2	2	2	3	3	3
Connecticut.....	19	20	21	22	24	25
New York.....	282	299	305	293	314	322
New Jersey.....	23	25	27	22	25	26
Pennsylvania.....	219	246	252	229	260	276
North Atlantic.....	681	723	742	711	768	801
Ohio.....	239	247	264	259	274	279
Indiana.....	167	155	156	183	173	187
Illinois.....	277	260	252	329	307	322
Michigan.....	238	250	260	268	273	288
Wisconsin.....	500	499	529	519	545	545
East North Central.....	1,421	1,411	1,461	1,558	1,572	1,621
Minnesota.....	392	369	374	409	382	397
Iowa.....	306	272	275	330	295	320
Missouri.....	203	195	180	236	215	227
North Dakota.....	128	90	94	165	156	154
South Dakota.....	134	102	97	170	187	186
Nebraska.....	150	128	119	177	173	206
Kansas.....	156	140	134	185	169	185
West North Central.....	1,470	1,296	1,273	1,672	1,577	1,675
Delaware.....	7	9	9	8	8	9
Maryland.....	44	52	55	47	55	59
Virginia.....	86	84	87	99	115	120
West Virginia.....	43	43	45	45	45	46
North Carolina.....	71	70	75	82	80	94
South Carolina.....	40	37	37	48	40	48
Georgia.....	106	107	113	119	132	161
Florida.....	42	35	56	53	75	85
South Atlantic.....	438	437	477	501	550	612
Kentucky.....	104	105	102	111	117	129
Tennessee.....	115	120	117	129	128	142
Alabama.....	130	131	134	155	160	182
Mississippi.....	125	115	121	145	154	171
Arkansas.....	134	100	109	155	136	160
Louisiana.....	91	76	78	109	107	124
Oklahoma.....	205	156	165	274	243	255
Texas.....	296	269	277	355	353	398
South Central.....	1,202	1,072	1,103	1,434	1,398	1,561
Montana.....	33	29	29	53	59	50
Idaho.....	59	56	59	75	76	82
Wyoming.....	15	14	14	18	15	15
Colorado.....	50	41	42	62	57	58
New Mexico.....	18	13	12	20	18	18
Arizona.....	13	13	12	14	13	13
Utah.....	28	27	27	34	39	40
Nevada.....	6	7	7	9	11	13
Washington.....	84	73	77	96	104	103
Oregon.....	65	54	58	75	77	85
California.....	216	230	217	230	282	283
Western.....	586	557	554	687	751	760
United States.....	5,799	5,496	5,610	6,562	6,616	7,030

<sup>1</sup> Preliminary.

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TABLE 518.—*Feeds for milk cows, by States, average 1944-48, annual 1949*

State and division	Grain and other concentrates fed during calendar year				Roughage fed during winter feeding period beginning in October <sup>1</sup>				Condition of dairy pastures, percent of normal <sup>2</sup>	
	Per cow		Per 100 pounds of milk produced		Hay, per cow		All roughage, per cow, hay equivalent <sup>2</sup>		Average 1944-48	1949
	Average 1944-48	1949	Average 1944-48	1949	Average 1944-48	1949	Average 1944-48	1949		
	Lb.	Lb.	Lb.	Lb.	Tons	Tons	Tons	Tons	Percent	Percent
Maine.....	1,694	1,750	33	33	2.9	2.8	3.4	3.4	81	74
New Hampshire.....	1,560	1,590	30	29					85	70
Vermont.....	1,670	1,730	31	31	2.7	2.4	3.6	3.4	87	74
Massachusetts.....	1,960	1,970	33	32					83	63
Rhode Island.....	2,186	2,100	35	31					81	63
Connecticut.....	1,884	2,000	32	32					83	66
New York.....	1,820	2,030	31	32	2.8	2.6	3.7	3.7	85	64
New Jersey.....	2,460	2,490	37	35	2.2	2.1	3.1	3.3	82	64
Pennsylvania.....	2,026	2,150	36	36	2.3	2.4	3.2	3.3	84	77
North Atlantic.....	1,899	2,043	32.8	33.1	2.6	2.5	3.5	3.5	84.5	69.0
Ohio.....	1,670	1,820	34	34	2.1	2.1	2.7	2.8	83	86
Indiana.....	1,620	1,700	35	34	2.1	2.0	2.6	2.4	83	89
Illinois.....	1,774	1,940	35	35	2.2	2.3	2.9	2.9	85	88
Michigan.....	1,590	1,710	29	29	2.2	2.6	2.9	3.4	78	84
Wisconsin.....	1,544	1,740	25	26	2.5	2.4	3.7	3.8	77	76
East North Central.....	1,619	1,776	29.1	29.8	2.3	2.3	3.1	3.3	80.4	82.5
Minnesota.....	1,356	1,650	25	28	2.8	2.8	3.9	3.9	80	75
Iowa.....	1,674	1,860	33	35	2.2	2.2	2.8	2.6	87	86
Missouri.....	1,380	1,590	33	34	1.8	2.2	2.2	2.6	84	91
North Dakota.....	1,142	1,330	27	29	3.0	3.7	3.8	4.5	81	72
South Dakota.....	1,064	1,190	28	29	2.4	2.6	3.2	3.2	85	69
Nebraska.....	1,392	1,500	31	32	2.1	2.3	2.5	2.5	84	92
Kansas.....	1,312	1,390	31	31	1.9	2.3	2.8	2.9	84	90
West North Central.....	1,390	1,586	29.5	31.2	2.3	2.5	3.0	3.2	83.5	82.3
Delaware.....	1,650	1,860	35	35	2.0	2.0	2.9	3.2	86	70
Maryland.....	1,800	2,000	36	36					84	85
Virginia.....	1,320	1,400	32	31	2.0	2.3	2.8	3.1	85	96
West Virginia.....	1,048	1,090	28	27	2.0	1.6	2.5	2.3	83	88
North Carolina.....	1,470	1,510	36	33	1.7	1.5	2.2	1.9	82	91
South Carolina.....	1,352	1,380	37	35	1.1	1.1	1.4	1.4	77	85
Georgia.....	1,302	1,360	40	38					79	86
Florida.....	3,213	2,950	84	73	.2	.2	.6	.4	79	77
South Atlantic.....	1,473	1,563	37.8	35.7	1.6	1.6	2.1	2.2	82.2	88.1
Kentucky.....	1,306	1,430	34	35	1.7	1.8	2.1	2.2	84	88
Tennessee.....	1,294	1,390	35	35	1.6	1.7	1.8	1.8	80	93
Alabama.....	1,294	1,420	38	39	1.0	1.1	1.2	1.2	80	87
Mississippi.....	1,012	1,120	36	38	.8	1.1	1.0	1.3	81	87
Arkansas.....	1,076	1,140	35	35	1.3	1.5	1.4	1.6	78	86
Louisiana.....	936	1,030	39	39	.8	.9	.9	1.0	78	89
Oklahoma.....	1,144	1,250	33	34	1.4	1.7	1.8	2.1	79	87
Texas.....	1,238	1,350	40	41	.9	.9	1.2	1.2	72	85
South Central.....	1,186	1,266	36.5	37.2	1.2	1.3	1.4	1.6	78.4	87.5
Montana.....	1,004	1,060	21	22	3.1	3.2	3.3	3.4	84	62
Idaho.....	1,166	1,270	20	21	4.0	4.0	4.3	4.3	89	83
Wyoming.....	986	1,130	20	22	2.9	2.9	3.1	3.1	87	84
Colorado.....	1,246	1,420	26	28	2.3	2.8	3.0	3.6	85	90
New Mexico.....	1,034	1,070	27	25	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	69	89
Arizona.....	978	980	18	17	2.8	3.3	3.1	3.8	77	85
Utah.....	1,182	1,330	19	21	3.6	3.9	4.0	4.5	83	88
Nevada.....	820	820	14	14	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	85	89

See footnotes on next page.

TABLE 518.—*Feeds for milk cows, by States, average 1944-48, annual 1949*  
—Continued

State and division	Grain and other concentrates fed during calendar year				Roughage fed during winter feeding period beginning in October <sup>1</sup>				Condition of dairy pastures, percent of normal <sup>3</sup>	
	Per cow		Per 100 pounds of milk produced		Hay, per cow		All roughage, per cow, hay equivalent <sup>2</sup>			
	Average 1944-48	1949	Average 1944-48	1949	Average 1944-48	1949	Average 1944-48	1949	Average 1944-48	1949
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Per-cent</i>	<i>Per-cent</i>
Washington.....	1,718	1,690	27	26	2.8	2.7	3.2	3.5	85	77
Oregon.....	1,546	1,680	27	29	2.7	2.9	3.0	3.2	85	77
California.....	1,628	1,800	23	25	2.9	2.9	3.1	3.0	74	70
Western.....	1,437	1,560	23.4	24.6	2.9	3.0	3.2	3.3	81.0	76.7
United States.....	1,486	1,640	30.8	31.4	2.1	2.2	2.8	2.9	81.8	80.6

<sup>1</sup> Averages for the October-May feeding period, as reported by about 6,000 dairy correspondents.<sup>2</sup> In computing hay equivalents, 3 tons of silage or 2 tons of other roughage were considered equal to 1 ton of hay.<sup>3</sup> Seasonal average condition for Apr. 1-Oct. 1 period.<sup>4</sup> Includes citrus pulp fed.<sup>5</sup> Data insufficient for stable average.

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TABLE 519.—*Average return above feed cost per cow, by dairy-herd-improvement association cows with different levels of butterfat production, United States, 1948*

Range of butterfat production (pounds)	Cows	Average production			Feed cost			Value of product over feed cost	Return for \$1 spent for feed	Feed cost per pound of butterfat	Feed cost per 100 pounds of milk
	<i>Num-ber</i>	<i>Per-cent</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
75-124.....	53	0.14	113	3,394	144	66	59	125	19	1.15	3.68
125-174.....	688	1.79	156	3,978	188	59	61	120	68	1.57	3.02
175-224.....	2,432	6.33	203	4,993	243	60	73	133	110	1.83	2.66
225-274.....	5,372	13.98	252	6,257	304	64	83	147	157	2.07	2.35
275-324.....	7,982	20.77	301	7,438	363	66	94	160	203	2.27	2.15
325-374.....	8,510	22.14	349	8,585	419	69	104	173	246	2.42	2.02
375-424.....	6,352	16.53	398	9,727	476	71	114	185	291	2.57	1.90
425-474.....	3,914	10.18	447	10,874	539	74	126	200	339	2.70	1.84
475-524.....	1,820	4.74	496	12,023	596	76	138	214	382	2.79	1.78
525-574.....	815	2.12	545	13,129	655	78	151	229	426	2.86	1.74
575-624.....	303	.79	596	14,423	716	79	165	244	472	2.93	1.69
625-674.....	121	.31	647	15,936	784	86	173	259	525	3.03	1.63
675-724.....	39	.10	695	18,085	855	96	210	306	549	2.79	1.69
725-774.....	21	.05	740	17,798	874	86	190	276	598	3.17	1.55
775-824.....	6	.02	790	18,598	911	86	176	262	649	3.48	1.41
825-874.....											
875-924.....	2	.01	900	23,650	1,482	100	218	318	1,164	4.66	1.34
925-974.....											
975-1,024.....											
1,025-1,074.....	1		1,041	25,210	1,249	105	134	239	1,010	5.23	.95
Total.....	38,431	100.00									
Average.....			345	8,472	415	68	104	172	243	2.41	2.03
Total cows in dairy-herd-improvement associations.....	886,129										
Cow-years.....	620,384										
Average for total cows.....			350	8,675	388	70	95	165	223	2.35	1.90

<sup>1</sup> Average is for 38,431 cows selected at random, that completed a full 12-month testing period.

Bureau of Dairy Industry. Data for earlier years in previous editions of Agricultural Statistics.

TABLE 520.—*Dairy-herd-improvement and dairy-cattle breeding associations, United States, Jan. 1, 1941-50*

Year	Dairy-herd-improvement associations		Dairy-cattle breeding associations			
			Dairy bull		Artificial breeding	
	Associations	Cows enrolled	Associations	Cows enrolled	Associations	Cows enrolled
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1941.....	1,383	763,502	291	43,478	37	70,751
1942.....	1,421	816,117	295	43,251	73	112,788
1943.....	1,057	616,972	306	63,564	99	182,524
1944.....	954	561,587	293	62,473	95	218,070
1945.....	949	577,200	266	53,318	195	360,732
1946.....	1,124	627,878	165	28,018	336	579,477
1947.....	1,426	775,546	140	23,519	608	1,125,040
1948.....	1,668	886,129	99	14,006	963	1,743,327
1949.....	1,787	943,939	69	9,978	1,263	2,412,160
1950.....	1,973	1,088,872	87	12,738	1,460	2,827,530

Bureau of Dairy Industry. Data for 1906-40 in Agricultural Statistics, 1942, table 588.

TABLE 521.—*Purebred dairy cattle: Number of new registrations, by breeds, United States, 1940-49*

Breed	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
<b>Ayrshire:</b>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Bulls.....	2,764	3,083	3,221	3,792	3,546	3,386	3,795	4,633	4,175	3,904
Cows.....	13,473	13,931	14,492	16,235	17,209	18,131	18,374	25,413	21,938	22,413
Total.....	16,237	17,014	17,713	20,027	20,755	21,517	22,169	30,046	26,113	26,317
<b>Brown Swiss:</b>										
Bulls.....	3,222	3,955	4,383	5,261	5,224	5,677	6,347	6,712	6,295	5,637
Cows.....	7,251	8,864	9,566	10,996	12,270	13,127	14,611	15,757	16,330	15,678
Total.....	10,473	12,819	14,019	16,257	17,494	18,804	20,958	22,469	22,625	21,315
<b>Guernsey:</b>										
Bulls.....	13,963	14,660	16,014	18,192	17,462	17,747	18,761	20,000	18,939	17,227
Cows.....	42,897	44,940	47,660	54,329	56,769	59,150	61,851	71,279	77,956	72,679
Total.....	56,860	59,600	63,674	72,521	74,231	76,897	80,612	91,279	96,895	89,906
<b>Holstein-Friesian:</b>										
Bulls.....	25,941	23,818	26,049	28,634	28,993	24,625	38,520	33,084	35,576	36,329
Cows.....	119,482	78,985	80,575	82,563	93,917	88,821	130,818	119,655	132,762	141,596
Total.....	145,423	102,803	106,624	111,197	122,910	113,446	169,338	152,739	168,338	177,925
<b>Jersey:</b>										
Bulls.....	10,267	12,406	13,317	9,331	9,948	9,780	9,032	15,797	12,152	11,273
Cows.....	38,260	48,137	58,504	44,829	46,523	41,370	40,239	70,579	56,974	54,701
Total.....	48,527	60,543	71,821	54,160	56,471	51,150	49,271	86,376	69,126	65,974

Bureau of Dairy Industry; data obtained from registry associations. See Agricultural Statistics, 1940, table 569, for data for earlier years.

TABLE 522.—*Cattle: Tuberculin testing under accredited-herd and area plans, United States, 1940-49*<sup>1</sup>

Year beginning July—	Cattle tested					Herds accredited
	Accredited- herd plan	Area plan	Total	Reactors found		
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>
1940.....	2,300,114	9,929,385	12,229,499	40,702	0.30	263,405
1941.....	2,020,399	8,962,687	10,983,086	28,008	.26	259,775
1942.....	1,976,176	7,332,760	9,308,936	17,167	.18	246,611
1943.....	1,968,091	6,926,375	8,894,466	18,338	.21	243,551
1944.....	2,057,833	6,047,647	8,105,480	19,534	.24	237,991
1945.....	1,933,385	6,521,078	8,454,463	19,464	.23	232,790
1946.....	2,094,326	6,218,593	8,312,919	16,666	.20	233,552
1947.....	1,883,411	6,411,012	8,294,423	15,943	.19	229,807
1948.....	1,014,285	7,723,216	8,737,501	17,007	.19	206,421
1949.....	994,042	8,445,769	9,439,811	17,733	.19	195,643

<sup>1</sup> All counties in the United States and all areas in Puerto Rico and the Virgin Islands are in the modified accredited area. Areas or counties so designated are those in which tuberculosis does not exist among more than 0.5 percent of the cattle as determined by official tuberculin testing and from which all reactors to the test have been removed.

Bureau of Animal Industry.

Current data on tuberculosis-eradication work, including progress by States and counties, may be obtained from Bureau of Animal Industry. Data for 1917-25 in 1925 Yearbook, table 519, and data for 1926-35 in Agricultural Statistics, 1936, table 366, and data for 1936-40 in Agricultural Statistics, 1946, table 484.

TABLE 523.—*Cattle: Brucellosis (Bang's disease) work in cooperation with States, 1940-49*<sup>1</sup>

Year beginning July—	Agglutination blood tests completed				Calves vaccinated	Under supervision at end of year	
	Herds	Cattle	Reactors found			Herds	Cattle
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1940.....	677,544	7,465,254	182,075	2.4	21,025	1,883,914	13,932,693
1941.....	591,835	6,891,219	209,238	3.0	126,571	2,105,294	15,627,027
1942.....	392,636	5,185,228	197,329	3.8	231,049	2,199,535	16,616,522
1943.....	386,266	5,235,912	226,079	4.3	392,232	2,254,235	17,326,138
1944.....	395,236	5,213,458	243,050	4.7	501,114	2,307,585	17,545,638
1945.....	389,814	4,876,866	245,786	5.0	694,139	2,360,699	17,870,154
1946.....	454,789	5,133,814	232,293	4.5	891,709	2,249,118	17,589,018
1947.....	533,963	5,434,792	232,199	4.3	1,159,327	2,291,760	18,128,318
1948.....	563,501	5,671,347	226,691	4.0	1,573,128	2,165,364	17,126,480
1949.....	618,801	5,974,721	208,298	3.5	2,065,063	2,299,556	18,527,624

<sup>1</sup> Tables were previously compiled on a calendar-year basis.

Bureau of Animal Industry. Current data on brucellosis work, including progress by States and counties, may be obtained from the Bureau of Animal Industry.

TABLE 524.—*Milk cows, and milk and butterfat in cream: Average prices received by farmers and prices paid by plants and dealers, United States, 1940-49*

Year	Prices received by farmers for—			Prices paid by plants and dealers for milk for specified purposes, per 100 pounds, 3.5% fat basis	
	Milk cows, per head <sup>1</sup>	Whole milk wholesale, per 100 pounds <sup>2</sup>	Butterfat in cream, per pound <sup>3</sup>	Milk for distribution as fluid milk <sup>4</sup>	Milk for canning <sup>5</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1940.....	61.00	1.82	28.0	2.21	1.38
1941.....	71.70	2.18	34.2	2.40	1.81
1942.....	89.70	2.57	39.6	2.79	2.08
1943.....	114.00	<sup>6</sup> 3.12	<sup>6</sup> 49.9	3.16	2.61
1944.....	107.00	<sup>6</sup> 3.21	<sup>6</sup> 50.3	3.24	2.66
1945.....	111.00	<sup>6</sup> 3.19	<sup>6</sup> 50.3	3.26	2.63
1946.....	131.00	<sup>6</sup> 3.96	<sup>6</sup> 64.3	3.92	3.36
1947.....	151.00	4.26	71.8	4.71	3.46
1948.....	185.00	4.87	79.7	5.17	3.90
1949 <sup>7</sup> .....	183.00	3.96	61.5	4.76	2.81

Year	Prices reported paid by plants for milk for specified purposes, basis fat test as actually delivered									
	Milk for canning <sup>8</sup>		Milk for butter and by-products <sup>9</sup>		Milk for cheese <sup>8</sup>				All manufacturing milk <sup>9</sup>	
					American cheese		All cheese			
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>
1947.....	3.92	4.04	3.64	3.91	3.73	3.90	3.73	3.84	3.76	3.94
1948.....	4.42	4.07	4.06	3.89	4.18	3.90	4.17	3.84	4.24	3.96
1949 <sup>7</sup> .....	3.24	4.10	3.14	3.88	3.08	3.90	3.09	3.84	3.14	3.96

<sup>1</sup> Annual price is straight average of United States prices for 12 months.<sup>2</sup> Average wholesale price for whole milk sold for all purposes, based on reports from milk-market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants. Annual prices, by States, weighted by estimated volume of milk sold wholesale.<sup>3</sup> Based on reports of special price reporters. Annual prices, by States, weighted by estimated volume of cream sold.<sup>4</sup> Dealers' buying prices, f.o.b. local shipping point or country plant, for standard grade milk which is used for city distribution as fluid milk.<sup>5</sup> Milk used for evaporated and canned condensed milk. Prices f.o.b. factory.<sup>6</sup> Does not include Government dairy production program payments, made October 1943 to June 1946.<sup>7</sup> Preliminary.<sup>8</sup> Price f.o.b. factory or local receiving station, whichever is the customary place for determining prices.<sup>9</sup> Monthly price and butterfat test obtained by weighting together milk for canning, milk for butter and by-products, and milk for American cheese. Annual averages are arithmetic averages of monthly prices.

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TABLE 525.—*Butterfat-feed and milk-feed price ratios and value of concentrate rations fed to milk cows, United States, average 1929-48, annual 1940-49<sup>1</sup>*

Year	Butterfat-feed price ratio <sup>1</sup>	Milk-feed price ratio <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows		Year	Butterfat-feed price ratio <sup>2</sup>	Milk-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	
			Cream selling areas	Whole milk selling areas				Cream selling areas	Whole milk selling areas
	Pounds	Pounds	Dollars	Dollars		Pounds	Pounds	Dollars	Dollars
1929-48 avg....	24.1	1.27	1.70	1.99	1945.....	<sup>4</sup> 27.5	<sup>4</sup> 1.42	2.31	2.67
1940.....	24.0	1.29	1.19	1.43	1946.....	<sup>4</sup> 26.8	<sup>4</sup> 1.38	2.77	3.16
1941.....	26.4	1.39	1.30	1.58	1947.....	21.8	1.18	3.37	3.70
1942.....	24.4	1.32	1.66	1.96	1948.....	22.5	1.26	3.53	3.93
1943.....	<sup>4</sup> 24.8	<sup>4</sup> 1.35	2.09	2.39	1949 <sup>5</sup> .....	23.3	1.29	2.67	3.11
1944.....	<sup>4</sup> 24.4	<sup>4</sup> 1.38	2.39	2.74					

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of butterfat.<sup>3</sup> Pounds of concentrate ration equal in value to 1 pound of wholesale milk.<sup>4</sup> Includes allowances for Government dairy production program payments for the period October 1943 through June 1946.<sup>5</sup> Preliminary.

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TABLE 526.—*Milk, butterfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, United States, 1930-49*

Year	Milk cows on farms <sup>1</sup>	Production, per milk cow <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1930.....	22,218	4,508	176.8	3.92	100,158	3,929	523,285
1931.....	23,108	4,459	175.0	3.93	103,029	4,045	544,395
1932.....	24,105	4,307	169.2	3.93	103,810	4,079	581,450
1933.....	25,062	4,180	164.2	3.93	104,762	4,114	579,845
1934.....	25,198	4,033	158.7	3.94	101,621	3,999	558,649
1935.....	24,187	4,184	165.4	3.95	101,205	4,000	539,110
1936.....	23,727	4,316	170.3	3.95	102,410	4,041	501,900
1937.....	23,340	4,366	172.5	3.95	101,908	4,025	472,270
1938.....	23,215	4,558	180.1	3.95	105,807	4,180	453,990
1939.....	23,273	4,589	181.5	3.95	106,792	4,223	428,689
1940.....	23,677	4,625	183.6	3.97	109,502	4,348	402,690
1941.....	24,312	4,741	188.4	3.97	115,268	4,580	395,476
1942.....	25,081	4,740	188.3	3.97	118,884	4,722	366,370
1943.....	25,574	4,606	183.1	3.98	117,785	4,682	341,120
1944.....	25,775	4,578	182.2	3.98	117,992	4,696	329,143
1945.....	25,329	4,797	190.9	3.98	121,504	4,836	336,990
1946.....	24,475	4,891	194.5	3.98	119,713	4,760	333,780
1947.....	23,825	4,997	198.8	3.98	119,065	4,736	315,840
1948.....	22,933	5,038	200.6	3.98	115,527	4,601	298,520
1949 <sup>3</sup> .....	22,741	5,239	208.5	3.98	119,136	4,741	283,110

<sup>1</sup> Average number on farms during year, heifers that have not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 on most items in Agricultural Statistics, 1942, table 593.

TABLE 527.—Milk, butterfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1948

State and division	Milk cows on farms <sup>1</sup>	Production per milk cow <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	119	5,100	214	4.2	607	25	4,200
New Hampshire.....	62	5,330	208	3.9	330	13	590
Vermont.....	269	5,400	221	4.1	1,453	60	700
Massachusetts.....	124	6,060	242	4.0	751	30	390
Rhode Island.....	20	6,600	257	3.9	132	5	30
Connecticut.....	111	5,980	227	3.3	664	25	300
New York.....	1,320	6,100	229	3.75	8,052	302	4,500
New Jersey.....	156	6,890	269	3.9	1,075	42	350
Pennsylvania.....	954	6,740	224	3.9	5,476	214	6,000
North Atlantic.....	3,135	5,914	228.4	3.86	18,540	716	17,060
Ohio.....	1,023	5,190	213	4.1	5,309	218	4,500
Indiana.....	730	4,860	207	4.25	3,548	151	2,300
Illinois.....	977	5,290	204	3.85	5,168	199	4,200
Michigan.....	952	5,610	222	3.95	5,341	211	3,700
Wisconsin.....	2,323	6,420	238	3.7	14,914	552	540
East North Central.....	6,005	5,709	221.6	3.88	34,280	1,331	15,240
Minnesota.....	1,434	5,590	201	3.6	8,016	289	1,300
Iowa.....	1,147	5,220	198	3.8	5,987	228	3,700
Missouri.....	916	4,500	194	4.3	4,122	177	9,300
North Dakota.....	392	4,550	171	3.75	1,784	67	5,000
South Dakota.....	349	4,060	154	3.8	1,417	54	2,600
Nebraska.....	478	4,720	179	3.8	2,256	86	5,600
Kansas.....	599	4,500	180	4.0	2,696	108	5,200
West North Central.....	5,315	4,944	189.8	3.84	26,278	1,009	32,700
Delaware.....	35	5,040	202	4.0	176	7	120
Maryland.....	220	5,300	212	4.0	1,166	47	900
Virginia.....	447	4,460	190	4.25	1,994	85	15,900
West Virginia.....	213	3,970	171	4.3	846	36	7,500
North Carolina.....	355	4,330	195	4.5	1,537	69	22,500
South Carolina.....	159	3,710	167	4.5	590	27	9,900
Georgia.....	351	3,420	154	4.5	1,200	54	21,500
Florida.....	133	3,850	164	4.25	512	22	1,400
South Atlantic.....	1,913	4,193	181.4	4.33	8,021	347	79,720
Kentucky.....	565	3,860	170	4.4	2,181	96	13,400
Tennessee.....	583	3,790	169	4.45	2,210	98	20,400
Alabama.....	374	3,500	158	4.5	1,309	59	28,800
Mississippi.....	458	2,960	133	4.5	1,356	61	17,600
Arkansas.....	397	3,300	145	4.4	1,310	58	15,200
Louisiana.....	260	2,500	112	4.5	650	29	5,000
Oklahoma.....	609	3,550	153	4.3	2,162	93	8,600
Texas.....	1,183	3,170	139	4.4	3,750	165	30,000
South Central.....	4,429	3,371	148.8	4.41	14,928	659	139,000
Montana.....	122	4,990	195	3.90	609	24	1,950
Idaho.....	202	6,150	240	3.9	1,242	48	1,050
Wyoming.....	55	5,150	193	3.75	283	11	800
Colorado.....	194	4,980	189	3.8	966	37	1,900
New Mexico.....	61	3,900	164	4.2	238	10	700
Arizona.....	45	5,600	213	3.8	252	10	450
Utah.....	104	6,360	238	3.75	661	25	670
Nevada.....	17	6,000	222	3.7	102	4	180
Washington.....	310	6,520	274	4.2	2,021	85	3,100
Oregon.....	222	5,790	261	4.5	1,285	58	2,000
California.....	804	7,240	282	3.9	5,821	227	2,000
Western.....	2,136	6,311	252.3	4.00	13,480	539	14,800
United States.....	22,933	5,038	200.6	3.98	115,527	4,601	298,520

<sup>1</sup> Estimated average number during year, heifers not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.

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TABLE 528.—*Milk, butterfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1949 (preliminary)*

State and division	Milk cows on farms <sup>1</sup>	Production per milk cow <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 pounds</i>
Maine.....	116	5,420	228	4.2	629	26	3,800
New Hampshire.....	61	5,520	215	3.9	337	13	490
Vermont.....	261	5,800	238	4.1	1,514	62	650
Massachusetts.....	121	6,240	250	4.0	755	30	390
Rhode Island.....	20	7,000	273	3.9	140	5	30
Connecticut.....	110	6,450	245	3.8	710	27	310
New York.....	1,350	6,450	242	3.75	8,708	327	3,700
New Jersey.....	158	7,210	281	3.9	1,139	44	320
Pennsylvania.....	967	6,010	234	3.9	5,812	227	5,000
North Atlantic.....	3,164	6,240	240.5	3.85	19,744	761	14,690
Ohio.....	1,016	5,420	222	4.1	5,507	226	4,200
Indiana.....	717	5,040	214	4.25	3,614	154	2,200
Illinois.....	944	5,560	214	3.85	5,249	202	3,300
Michigan.....	959	5,920	234	3.95	5,677	224	2,700
Wisconsin.....	2,303	6,760	250	3.7	15,568	576	500
East North Central.....	5,939	5,997	232.7	3.88	35,615	1,382	12,900
Minnesota.....	1,396	5,960	215	3.6	8,320	300	1,200
Iowa.....	1,113	5,320	202	3.8	5,921	225	3,600
Missouri.....	920	4,720	203	4.3	4,342	187	8,700
North Dakota.....	377	4,590	172	3.75	1,730	65	4,100
South Dakota.....	334	4,100	156	3.8	1,369	52	1,900
Nebraska.....	460	4,700	179	3.8	2,162	82	5,000
Kansas.....	580	4,500	180	4.0	2,610	104	4,800
West North Central.....	5,180	5,107	195.9	3.84	26,454	1,015	29,300
Delaware.....	35	5,180	207	4.0	181	7	120
Maryland.....	225	5,550	222	4.0	1,249	50	800
Virginia.....	455	4,570	194	4.25	2,079	88	15,000
West Virginia.....	216	4,100	176	4.3	886	38	7,500
North Carolina.....	359	4,510	203	4.5	1,619	73	22,200
South Carolina.....	156	3,940	177	4.5	615	28	9,800
Georgia.....	353	3,650	164	4.5	1,288	58	21,200
Florida.....	135	4,100	174	4.25	554	24	1,400
South Atlantic.....	1,934	4,380	189.2	4.32	8,471	366	78,020
Kentucky.....	577	4,060	179	4.4	2,343	103	13,300
Tennessee.....	589	3,950	176	4.45	2,327	104	19,200
Alabama.....	371	3,700	166	4.5	1,373	62	28,200
Mississippi.....	456	2,960	133	4.5	1,350	61	17,300
Arkansas.....	400	3,280	144	4.4	1,312	58	14,800
Louisiana.....	258	2,600	117	4.5	671	30	5,300
Oklahoma.....	590	3,650	157	4.3	2,154	93	8,600
Texas.....	1,155	3,270	144	4.4	3,777	166	28,500
South Central.....	4,396	3,482	154.0	4.42	15,307	677	135,200
Montana.....	117	4,880	190	3.90	571	22	1,600
Idaho.....	197	5,890	230	3.9	1,160	45	1,000
Wyoming.....	52	5,250	197	3.75	273	10	640
Colorado.....	189	5,150	196	3.8	973	37	1,300
New Mexico.....	59	4,130	173	4.2	244	10	610
Arizona.....	45	5,800	220	3.8	261	10	390
Utah.....	105	6,370	239	3.75	669	25	500
Nevada.....	17	6,050	224	3.7	103	4	160
Washington.....	307	6,560	276	4.2	2,014	85	3,100
Oregon.....	223	5,850	263	4.5	1,305	59	1,900
California.....	817	7,310	285	3.9	5,972	233	1,800
Western.....	2,128	6,365	253.8	3.99	13,545	540	13,000
United States.....	22,741	5,239	208.5	3.98	119,136	4,741	283,110

<sup>1</sup> Estimated average number during year, heifers not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.

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TABLE 529.—*Milk: Disposition by farmers, United States, 1930-49*

Year	Milk used on farms where produced				Milk utilized for products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1930.....	2,986	11,207	8,150	22,343	2,497	33,974	34,497	6,847	77,815
1931.....	2,997	11,913	8,554	23,464	2,507	35,468	34,614	6,976	79,565
1932.....	2,859	12,507	9,180	24,546	2,640	36,095	33,501	7,028	79,264
1933.....	2,878	12,784	9,293	24,955	2,505	36,524	33,705	7,073	79,807
1934.....	2,688	12,773	9,120	24,581	2,223	33,867	33,869	7,081	77,040
1935.....	2,676	12,410	8,807	23,893	2,124	32,564	35,647	6,977	77,312
1936.....	2,755	12,077	8,256	23,088	1,907	31,904	38,777	6,734	79,322
1937.....	2,724	11,955	7,795	22,474	1,753	30,644	40,470	6,567	79,434
1938.....	2,850	11,950	7,494	22,294	1,679	32,728	42,657	6,449	83,513
1939.....	2,967	12,167	7,102	22,236	1,551	32,987	43,801	6,217	84,556
1940.....	2,994	12,063	6,688	21,745	1,441	33,044	47,170	6,102	87,757
1941.....	3,124	12,020	6,587	21,731	1,380	34,091	52,121	5,945	93,537
1942.....	3,294	11,856	6,127	21,277	1,238	31,322	59,185	5,862	97,607
1943.....	3,276	11,615	5,770	20,661	1,081	30,188	60,116	5,739	97,124
1944.....	3,270	11,685	5,571	20,526	1,037	26,422	64,338	5,669	97,466
1945.....	3,335	11,671	5,680	20,686	1,075	24,288	69,836	5,619	100,818
1946.....	3,255	12,318	5,540	21,113	1,090	21,380	70,591	5,539	98,600
1947.....	3,228	12,295	5,302	20,825	966	20,969	71,127	5,178	98,240
1948.....	3,109	12,314	5,036	20,459	892	19,664	69,607	4,905	95,068
1949 <sup>3</sup> .....	3,219	12,480	4,778	20,477	827	20,095	73,114	4,823	98,659

<sup>1</sup> Estimates include milk delivered to creameries, condenseries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in *Agricultural Statistics, 1942*, table 596.

TABLE 530.—*Milk: Disposition by farmers, by States, 1948*

State and division	Milk used on farms where produced				Milk utilized for products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Maine.....	10	74	38	122	46	15	342	82	485
New Hampshire.....	6	27	6	39	6	4	238	43	291
Vermont.....	28	61	6	95	8	6	1,305	39	1,358
Massachusetts.....	13	49	5	67	3	3	550	128	684
Rhode Island.....	2	6	1	9	—	—	104	19	123
Connecticut.....	15	41	4	60	2	1	511	90	604
New York.....	234	375	48	657	51	65	6,920	359	7,395
New Jersey.....	16	38	6	60	2	—	914	99	1,015
Pennsylvania.....	120	358	67	545	62	92	4,350	427	4,931
North Atlantic.....	444	1,029	181	1,654	180	186	15,234	1,286	16,886
Ohio.....	143	451	68	662	22	443	4,000	182	4,647
Indiana.....	82	352	37	471	8	404	2,590	75	3,077
Illinois.....	114	511	77	702	13	692	3,571	190	4,466
Michigan.....	184	409	58	651	22	738	3,850	80	4,690
Wisconsin.....	492	480	8	980	4	320	13,510	100	13,934
East North Central.....	1,015	2,203	248	3,466	69	2,597	27,521	627	30,814
Minnesota.....	224	494	28	746	2	3,388	3,790	90	7,270
Iowa.....	180	540	79	799	5	3,976	1,100	97	5,188
Missouri.....	103	531	172	806	14	816	2,350	136	3,316
North Dakota.....	68	168	109	345	4	1,324	80	31	1,439
South Dakota.....	52	168	57	277	2	1,000	100	38	1,140
Nebraska.....	83	272	122	477	5	1,329	360	85	1,779
Kansas.....	105	315	104	524	8	1,205	849	110	2,172
West North Central.....	815	2,488	671	3,974	40	13,038	8,639	587	22,304
Delaware.....	3	13	2	18	1	—	142	15	158
Maryland.....	22	77	11	110	8	13	937	98	1,056
Virginia.....	60	361	262	683	56	215	930	110	1,311
West Virginia.....	28	239	123	390	23	102	236	95	456
North Carolina.....	31	494	359	884	71	22	460	100	653
South Carolina.....	9	196	160	365	29	10	120	66	225
Georgia.....	17	323	335	675	76	29	325	95	525
Florida.....	5	60	22	87	5	1	341	78	425
South Atlantic.....	175	1,763	1,274	3,212	269	392	3,491	657	4,809
Kentucky.....	39	533	243	815	18	371	840	137	1,366
Tennessee.....	35	466	347	848	51	140	1,090	81	1,362
Alabama.....	16	387	470	873	69	17	280	70	436
Mississippi.....	16	373	321	710	15	48	520	63	646
Arkansas.....	20	401	273	694	23	211	300	82	616
Louisiana.....	7	225	88	320	8	5	254	63	330
Oklahoma.....	54	461	161	676	11	710	630	135	1,496
Texas.....	52	1,050	476	1,578	109	408	1,370	285	2,172
South Central.....	239	3,896	2,379	6,514	304	1,910	5,284	916	8,414
Montana.....	23	74	37	134	5	287	125	58	475
Idaho.....	43	99	20	162	2	147	889	42	1,080
Wyoming.....	10	32	17	59	1	100	100	23	224
Colorado.....	39	115	39	193	4	332	374	63	773
New Mexico.....	5	45	13	63	1	60	79	35	175
Arizona.....	7	19	9	35	1	10	171	35	217
Utah.....	20	73	13	106	2	52	466	35	555
Nevada.....	4	7	3	14	1	25	46	16	88
Washington.....	73	157	58	288	6	238	1,360	129	1,733
Oregon.....	46	132	36	214	2	218	785	66	1,071
California.....	151	182	38	371	5	72	5,043	330	5,450
Western.....	421	935	283	1,639	30	1,541	9,438	832	11,841
United States.....	3,109	12,314	5,036	20,459	892	19,664	69,607	4,905	95,068

<sup>1</sup> Estimates include milk delivered to creameries, condenseries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Bureau of Agricultural Economics.

TABLE 531.—*Milk: Disposition by farmers, by States, 1949 (preliminary)*

State and division	Milk used on farms where produced				Milk utilized for products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Maine.....	11	76	34	121	42	16	370	80	508
New Hampshire.....	6	29	5	40	5	5	245	42	297
Vermont.....	29	62	6	97	7	6	1,367	37	1,417
Massachusetts.....	13	50	5	68	3	2	560	122	687
Rhode Island.....	2	6	1	9	—	—	112	19	131
Connecticut.....	16	41	5	62	2	1	567	78	648
New York.....	235	308	42	645	40	66	7,670	287	8,063
New Jersey.....	18	39	5	62	2	—	978	97	1,077
Pennsylvania.....	122	353	55	530	53	120	4,710	399	5,282
North Atlantic.....	452	1,024	158	1,634	154	216	16,579	1,161	18,110
Ohio.....	147	445	64	656	20	466	4,200	165	4,851
Indiana.....	83	353	35	471	8	433	2,640	62	3,143
Illinois.....	115	516	60	691	11	767	3,600	180	4,558
Michigan.....	199	417	42	658	16	893	4,060	50	5,019
Wisconsin.....	529	472	8	1,009	3	366	14,100	90	14,559
East North Central.....	1,073	2,203	209	3,485	58	2,925	28,600	547	32,130
Minnesota.....	241	486	26	753	2	3,500	3,980	85	7,567
Iowa.....	178	545	76	799	5	4,057	970	90	5,122
Missouri.....	109	537	160	806	14	806	2,580	136	3,536
North Dakota.....	64	173	90	327	3	1,290	80	30	1,403
South Dakota.....	51	168	41	260	2	970	100	37	1,109
Nebraska.....	84	283	108	475	5	1,272	330	80	1,687
Kansas.....	104	319	96	519	7	1,214	770	100	2,091
West North Central.....	831	2,511	597	3,939	38	13,109	8,810	558	22,515
Delaware.....	4	14	2	20	1	—	146	14	161
Maryland.....	22	79	10	111	7	14	1,020	97	1,138
Virginia.....	64	370	246	680	54	219	1,023	103	1,399
West Virginia.....	30	257	124	411	22	111	247	95	475
North Carolina.....	32	511	356	899	68	25	532	95	720
South Carolina.....	10	222	159	391	28	10	122	64	224
Georgia.....	19	358	329	706	76	29	382	95	582
Florida.....	5	62	23	90	4	1	379	80	464
South Atlantic.....	186	1,873	1,249	3,308	260	409	3,851	643	5,163
Kentucky.....	45	566	239	850	20	411	925	137	1,493
Tennessee.....	35	469	327	831	47	155	1,213	81	1,496
Alabama.....	21	398	462	881	65	25	333	69	492
Mississippi.....	15	357	314	686	16	49	540	59	664
Arkansas.....	17	399	267	683	22	226	301	80	629
Louisiana.....	9	233	93	335	8	5	260	63	336
Oklahoma.....	56	457	160	673	12	680	650	139	1,481
Texas.....	57	1,048	455	1,560	101	449	1,390	277	2,217
South Central.....	255	3,927	2,317	6,499	291	2,000	5,612	905	8,808
Montana.....	22	70	30	122	4	260	127	58	449
Idaho.....	41	99	19	159	2	134	823	42	1,001
Wyoming.....	9	33	13	55	1	97	99	21	218
Colorado.....	38	109	26	173	3	335	400	62	800
New Mexico.....	6	47	12	65	1	58	85	35	179
Arizona.....	7	20	8	35	1	8	182	35	226
Utah.....	20	77	10	107	1	41	485	35	562
Nevada.....	4	7	3	14	1	24	48	16	89
Washington.....	73	156	58	287	6	224	1,373	124	1,727
Oregon.....	47	139	34	220	2	191	830	62	1,085
California.....	155	185	35	375	4	64	5,210	319	5,597
Western.....	422	942	248	1,612	26	1,436	9,662	809	11,933
United States.....	3,219	12,480	4,778	20,477	827	20,095	73,114	4,623	98,659

<sup>1</sup> Estimates include milk delivered to creameries, condenseries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Bureau of Agricultural Economics.

TABLE 532.—*Milk: Production and utilization, United States, 1943-49*

Item	1943	1944	1945	1946	1947	1948	1949 <sup>1</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production:							
By cows on farms.....	117,785	117,992	121,504	119,713	119,065	115,527	119,136
Total <sup>2</sup> .....	120,611	120,818	124,330	122,539	121,891	118,353	121,962
Utilization (milk equivalent):							
Manufacturing:							
Farm butter.....	6,851	6,608	6,755	6,630	6,268	5,928	5,605
Creamery butter (total).....	34,460	30,620	28,065	24,145	27,430	24,974	29,070
Butter from whey cream.....	698	713	780	772	830	768	840
Creamery butter, net.....	33,762	29,907	27,285	23,373	26,600	24,206	28,230
Cheese, total:	9,922	10,135	11,123	10,952	11,774	10,893	11,880
American.....	7,743	8,090	8,777	8,058	9,393	8,563	9,340
Other than American.....	2,179	2,045	2,346	2,894	2,381	2,330	2,540
Evaporated milk (case).....	6,594	7,384	8,147	6,567	6,899	7,271	5,890
Unsweetened condensed (bulk).....	249	289	310	237	423	539	610
Sweetened condensed (case).....	278	330	339	269	389	295	250
Sweetened condensed (bulk).....	145	138	167	151	179	98	80
Frozen dairy products:							
Ice cream, total.....	5,177	5,354	5,788	9,595	8,732	7,904	7,670
Other, <sup>3</sup> total.....	199	202	268	108	105	127	160
Fat from butter and concentrated milk.....	826	859	926	1,507	1,346	1,223	1,190
Net from milk and cream.....	4,550	4,697	5,130	8,196	7,491	6,808	6,640
Dry whole milk.....	1,052	1,355	1,650	1,421	1,250	1,293	980
Malted milk.....	132	108	112	117	97	82	550
Miscellaneous products <sup>4</sup> .....	64	406	608	435	421	477	
Total for manufacture, excluding farm butter.....	56,748	54,749	54,871	51,718	55,520	51,962	55,110
Total for manufacture, including farm butter.....	63,599	61,357	61,626	58,348	61,788	57,890	60,715
Consumed as fluid milk or cream:							
In cities and villages.....	41,000	43,000	46,000	47,000	45,000	44,500	45,000
On farms where produced.....	11,615	11,685	11,671	12,318	12,295	12,314	12,480
Fed to calves.....	3,276	3,270	3,335	3,255	3,228	3,109	3,219
All other uses and to balance.....	1,121	1,506	1,698	1,618	—420	540	548

<sup>1</sup> Preliminary.<sup>2</sup> Includes an allowance of 2,826 million pounds of milk, produced by cows not on farms, the same as in 1930 when information on this item was last obtained.<sup>3</sup> Milk sherbet and ice milk.<sup>4</sup> Includes dry cream, dry part skim milk, and dry ice cream mix in all years and whole milk equivalent of the fat in cottage cheese in 1946 and later years.

Bureau of Agricultural Economics. Data for 1926-34 in Agricultural Statistics 1941, for 1935-39 in 1942 edition, 1940-42 in 1947 edition.

TABLE 533.—*Milk: Production and utilization in specified countries, average 1934-38, annual 1948 and 1949*

Period and country	Production			Utilization <sup>2</sup>					
	Milk cows <sup>1</sup>	Production per cow	Milk production	Fluid milk <sup>3</sup>	Butter	Cheese	Canned milk	Other uses <sup>4</sup>	Feed
	<i>1,000 head</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Average 1934-38:									
Canada.....	3,816	4,138	15,789	4,645	8,197	1,411	273	472	791
United States.....	23,933	4,291	<sup>5</sup> 105,416	43,559	43,729	6,449	4,607	4,333	2,739
Austria <sup>6</sup> .....	1,210	4,630	5,602	3,068	1,212	661			661
Belgium.....	967	7,022	6,790	1,433	4,321	163	15	42	816
Denmark.....	1,658	7,047	<sup>7</sup> 11,684	1,433	9,314	331		<sup>8</sup> 55	551
Finland.....	1,309	4,268	5,587	2,556	2,735	205			91
Germany.....	10,076	5,270	<sup>7</sup> 53,100	16,100	28,100	2,400		500	6,000
Italy.....	3,466	3,968	<sup>9</sup> 13,750	3,700	2,700	3,600	24	626	3,100
Netherlands.....	1,460	7,658	11,180	2,321	5,536	2,291		<sup>8</sup> 520	512
Norway.....	807	3,660	<sup>7</sup> 2,954	1,124	1,111	489		<sup>8</sup> 53	177
Sweden.....	1,922	5,327	<sup>7</sup> 10,238	3,283	5,170	782		<sup>8</sup> 44	959
Switzerland <sup>10</sup> .....	902	6,297	<sup>7</sup> 6,041	2,125	1,497	1,303		<sup>8</sup> 49	1,067
United Kingdom.....	3,300	5,583	18,424	11,100	2,800	1,008	647	686	2,183
Australia <sup>11</sup> .....	2,545	4,629	<sup>12</sup> 11,780	1,612	9,466	444	<sup>13</sup> 258		
New Zealand.....	1,807	5,232	<sup>14</sup> 9,454	532	6,922	1,754		<sup>8</sup> 57	189
1948:									
Canada.....	3,701	4,520	16,730	5,619	8,164	1,057	627	515	748
United States.....	22,933	5,038	<sup>5</sup> 118,353	56,814	30,134	10,893	8,203	9,200	3,109
Austria.....	1,045	3,278	3,425	1,555	1,157	111		2	600
Belgium.....	850	7,418	6,305	1,775	3,663	120	8	9	730
Denmark.....	1,472	6,102	8,982	1,672	5,981	652	119	84	474
Netherlands.....	1,362	7,256	9,883	3,427	3,796	1,832	301	86	441
Norway.....	768	3,994	3,067	1,508	860	375		<sup>8</sup> 60	264
Sweden.....	1,755	5,585	9,802	3,552	4,762	593		<sup>8</sup> 185	710
Switzerland <sup>10</sup> .....	809	6,063	5,038	2,355	616	1,242		<sup>8</sup> 75	750
United Kingdom.....	3,583	5,634	20,188	16,109	994	619	435	566	1,465
Australia.....	2,267	5,368	<sup>12</sup> 12,169	2,495	7,915	931	293	535	
New Zealand <sup>11</sup> .....	1,714	5,404	9,263	848	6,231	1,792		<sup>8</sup> 130	262
1949 (preliminary):									
Canada.....	3,620	4,638	16,789	5,748	7,767	1,326	562	545	841
United States.....	22,741	5,239	<sup>5</sup> 121,962	57,480	33,835	11,880	6,830	8,718	3,219
Austria.....	1,104	3,695	4,079	1,800	1,460	192		2	625
Belgium.....	900	7,444	6,700	1,810	3,870	150	9	11	850
Denmark.....	1,537	7,020	10,789	1,618	7,706	721	172	76	496
Netherlands.....	1,484	7,823	11,609	3,612	4,400	2,400	528	228	441
Norway.....	799	4,265	3,408	1,554	974	529		<sup>8</sup> 75	276
Sweden.....	1,712	6,155	10,538	3,576	5,159	849		<sup>8</sup> 202	752
Switzerland <sup>10</sup> .....	839	6,129	5,214	2,366	735	1,335		<sup>8</sup> 28	750
United Kingdom.....	3,687	5,809	21,417	17,129	1,068	826	496	398	1,500
Australia.....	2,340	5,503	<sup>12</sup> 12,877	2,508	8,443	1,018	294	614	
New Zealand <sup>11</sup> .....	1,747	5,724	10,000	869	6,694	2,000		<sup>8</sup> 160	277

<sup>1</sup> Includes, for the United States and Canada, cows kept mainly for milk, and for all other countries, cows producing over and above the requirements of the calf.

<sup>2</sup> Includes farm uses.

<sup>3</sup> Includes milk used for cream.

<sup>4</sup> Includes milk used for ice cream, dried whole milk, minor products, waste, and balance.

<sup>5</sup> Total production is shown. Milk production on farms: average 1934-38, 102,590 million pounds; 1948, 115,527 million pounds; 1949, 119,136 million pounds.

<sup>6</sup> For the year 1934 only.

<sup>7</sup> For the years 1933-37.

<sup>8</sup> Includes canned milk.

<sup>9</sup> For the year 1933 only.

<sup>10</sup> Production and utilization include goats' milk.

<sup>11</sup> For the years ending June 30.

<sup>12</sup> Excludes milk fed to calves.

<sup>13</sup> Includes dried whole milk.

<sup>14</sup> Utilization of butterfat converted to milk equivalent on the basis of 4.5 percent fat content.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States Foreign Service reports, and other information.



TABLE 534.—*Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, United States, 1930-49*

Year	Farm butter			Deliveries to plants, dealers, etc. at wholesale						Milk and cream retailed by farmers		
	Quantity sold	Price per pound	Value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales
				Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales			
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	Million pounds	Dollars	1,000 dollars	Million quarts	Cents	1,000 dollars
1930.....	121,572	36.3	44,119	1,275,870	34.5	440,152	34,497	2.21	764,095	3,189	11.3	359,075
1931.....	122,352	27.2	33,321	1,332,560	24.8	329,863	34,614	1.69	584,488	3,244	10.1	329,063
1932.....	128,672	20.8	26,721	1,356,200	17.9	242,708	33,501	1.28	427,334	3,269	8.9	289,607
1933.....	122,015	20.1	24,533	1,371,050	18.8	257,549	33,705	1.30	439,179	3,288	8.6	282,945
1934.....	108,542	22.7	24,636	1,272,220	22.7	288,951	33,869	1.55	523,497	3,293	9.4	308,433
1935.....	103,970	26.7	27,766	1,223,560	28.1	343,457	35,647	1.74	620,951	3,243	9.8	318,030
1936.....	93,538	28.8	26,982	1,197,170	32.2	385,997	38,777	1.93	748,218	3,135	10.1	316,685
1937.....	86,332	29.6	25,548	1,151,270	33.3	382,801	40,470	1.97	796,068	3,056	10.5	320,354
1938.....	82,562	26.6	22,001	1,229,860	26.3	322,893	42,657	1.72	733,221	2,997	10.3	309,811
1939.....	76,363	25.0	19,113	1,237,940	23.9	295,456	43,801	1.68	734,703	2,890	10.3	296,250
1940.....	70,779	26.6	18,557	1,250,280	28.0	350,577	47,170	1.82	856,987	2,841	10.3	293,925
1941.....	68,018	30.4	20,685	1,289,860	34.2	441,403	52,121	2.18	1,137,956	2,766	10.8	298,546
1942.....	61,056	35.2	21,515	1,183,860	39.6	468,851	59,185	2.57	1,523,653	2,728	11.8	322,015
1943.....	53,326	43.7	23,319	1,139,910	49.9	568,313	60,116	3.12	1,874,825	2,669	12.8	340,406
1944.....	51,315	43.8	22,463	999,110	50.3	502,767	64,338	3.21	2,064,364	2,639	13.2	348,240
1945.....	53,216	45.3	24,091	919,630	50.3	462,314	69,836	3.19	2,227,690	2,614	13.4	349,285
1946.....	54,496	58.3	31,752	806,740	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482
1947.....	48,518	63.3	30,727	790,510	71.8	567,622	71,127	4.26	3,027,005	2,408	17.5	421,001
1948.....	44,778	66.8	29,929	741,210	79.7	591,047	69,607	4.87	3,389,534	2,283	18.8	430,094
1949 <sup>a</sup> .....	41,588	58.1	24,149	757,690	61.5	466,349	73,114	3.96	2,892,237	2,151	18.5	398,882

Year	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound butter-fat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
1930.....	77,815	2.07	62.8	1,607,441	19,357	435,403	2,042,844	2,104,126
1931.....	79,565	1.60	40.7	1,276,735	20,467	366,216	1,642,051	1,690,064
1932.....	79,264	1.24	31.6	986,370	21,687	300,060	1,286,430	1,320,559
1933.....	79,807	1.26	32.1	1,004,206	22,077	305,292	1,309,498	1,344,985
1934.....	77,040	1.49	37.8	1,145,517	21,893	352,924	1,498,441	1,537,645
1935.....	77,312	1.69	42.8	1,310,204	21,217	386,026	1,696,230	1,739,560
1936.....	79,322	1.86	47.1	1,477,882	20,333	400,097	1,877,979	1,927,227
1937.....	79,434	1.92	48.6	1,524,771	19,750	406,214	1,930,985	1,982,911
1938.....	83,513	1.66	42.0	1,387,926	19,444	353,452	1,741,378	1,786,961
1939.....	84,556	1.59	40.3	1,345,522	19,269	341,302	1,686,824	1,732,211
1940.....	87,757	1.73	43.6	1,520,346	18,751	358,548	1,878,894	1,929,690
1941.....	93,537	2.03	51.1	1,898,590	18,607	404,095	2,302,685	2,364,187
1942.....	97,607	2.39	60.2	2,336,034	17,983	460,007	2,796,041	2,872,965
1943.....	97,124	2.89	72.6	2,806,863	17,385	538,512	3,345,375	3,437,847
1944.....	97,466	3.01	75.6	2,937,834	17,256	556,274	3,494,108	3,590,751
1945.....	100,818	3.04	76.4	3,063,380	17,351	563,566	3,626,946	3,726,320
1946.....	98,600	3.79	95.2	3,735,666	17,858	713,900	4,449,566	4,569,667
1947.....	98,240	4.12	103.5	4,046,355	17,597	787,281	4,833,636	4,963,610
1948.....	95,068	4.67	117.3	4,440,604	17,350	862,437	5,303,941	5,444,443
1949 <sup>a</sup> .....	98,659	3.83	96.2	3,781,617	17,258	734,321	4,515,938	4,635,241

<sup>1</sup> Milk sold at wholesale and retail, plus milk skimmed for sale as cream and milk equivalent of farm butter sold.

<sup>2</sup> Computed from the value of milk, cream, and farm butter sold, divided by the quantity of milk or butterfat used in the preparation of these products for market.

<sup>3</sup> Milk utilized for household consumption valued in each State at average returns per 100 pounds for milk utilized in dairy products sold.

<sup>4</sup> Value of milk, cream and farm butter sold, plus the value of these products consumed in the household on farms where produced.

<sup>5</sup> Milk produced on farms valued in each State at average returns per 100 pounds for milk utilized in dairy products sold. In addition to gross income, it includes the value of whole milk fed to calves.

<sup>a</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 597.

TABLE 535.—Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1948

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream retailed by farmers		
				Cream sold as butterfat			Whole milk					
	Quantity sold	Price per lb.	Value of sales	Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 lbs.	Value of sales	Quantity sold, milk equiv. quart	Price per quart	Value of sales
	1,000 lb.	Ct.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. lb.	Dol.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Maine.....	2,300	79	1,817	630	83	523	342	5.91	20,212	38	19.9	7,562
New Hampshire.....	300	80	240	160	85	136	238	6.08	14,470	20	21.4	4,280
Vermont.....	400	80	320	260	86	224	1,305	5.71	74,516	18	20.3	3,654
Massachusetts.....	150	82	123	120	88	106	550	6.59	36,245	60	21.5	12,900
Rhode Island.....	8	83	7				104	6.66	6,926	9	21.5	1,935
Connecticut.....	70	84	59	40	80	36	511	6.43	32,857	42	21.2	8,904
New York.....	2,300	78	1,794	2,420	77	1,863	6,920	5.22	361,224	167	18.4	30,728
New Jersey.....	90	76	68				914	5.97	54,566	46	21.0	9,660
Pennsylvania.....	2,900	78	2,262	3,510	80	2,808	4,350	5.35	232,725	199	20.3	40,397
North Atlantic.....	8,518	78.5	6,690	7,140	79.8	5,696	15,234	5.47	833,741	599	20.0	120,020
Ohio.....	1,100	77	847	18,030	75	13,522	4,000	5.06	202,400	85	19.5	16,575
Indiana.....	430	77	331	16,890	75	12,668	2,590	4.83	125,097	35	18.4	6,440
Illinois.....	600	77	462	26,230	74	19,410	3,571	4.48	159,981	88	17.0	14,960
Michigan.....	1,000	79	790	28,410	83	23,580	3,850	4.79	184,415	37	17.8	6,586
Wisconsin.....	160	80	128	11,780	86	10,131	13,510	4.23	571,473	47	16.8	7,896
E. North Central.....	3,290	77.8	2,558	101,340	78.3	79,311	27,521	4.52	1,243,366	292	18.0	52,457
Minnesota.....	100	82	82	119,260	87	103,756	3,790	3.94	149,326	42	16.5	6,930
Iowa.....	230	81	186	145,520	86	125,147	1,110	3.97	48,507	45	17.0	7,650
Missouri.....	720	71	511	33,700	72	24,264	2,350	4.73	111,155	63	16.4	10,332
North Dakota.....	170	80	136	48,330	80	38,604	80	4.26	3,408	14	16.6	2,324
South Dakota.....	110	81	89	36,400	79	28,756	100	4.34	4,340	18	17.1	3,078
Nebraska.....	220	79	174	48,510	75	36,382	360	4.49	16,164	40	17.0	6,800
Kansas.....	370	77	285	45,790	75	34,342	849	4.52	38,375	51	17.8	9,078
W. North Central.....	1,920	76.2	1,463	477,510	81.9	391,311	8,639	4.30	371,275	273	16.9	46,192
Delaware.....	50	69	34				142	5.40	7,668	7	19.8	1,386
Maryland.....	350	68	238	490	72	353	937	5.79	54,252	46	19.3	8,878
Virginia.....	2,800	57	1,596	8,600	66	5,676	930	5.43	50,499	51	18.4	9,384
West Virginia.....	1,200	62	744	4,180	74	3,093	236	5.20	12,484	44	18.6	8,184
North Carolina.....	3,700	59	2,183	910	62	564	460	5.51	25,346	47	20.2	9,494
South Carolina.....	1,500	62	930	420	61	256	120	6.03	7,236	31	19.9	6,169
Georgia.....	4,000	57	2,280	1,210	60	726	325	5.99	19,468	44	20.4	8,976
Florida.....	240	71	170	40	69	28	341	7.14	24,347	36	22.2	7,992
South Atlantic.....	13,840	59.1	8,175	15,850	67.5	10,696	3,491	5.77	201,300	306	19.8	60,463
Kentucky.....	940	64	602	15,470	71	10,984	840	4.83	40,572	64	17.5	11,200
Tennessee.....	2,600	55	1,430	5,850	71	4,154	1,090	5.15	56,135	38	16.9	6,422
Alabama.....	3,700	54	1,998	710	68	483	280	6.04	16,912	33	18.3	6,039
Mississippi.....	800	62	496	2,070	71	1,470	520	5.20	27,040	29	18.7	5,423
Arkansas.....	1,200	66	792	8,650	71	6,142	300	5.34	16,020	38	17.5	6,650
Louisiana.....	400	66	264	210	66	139	254	6.26	15,900	29	19.7	5,713
Oklahoma.....	550	75	412	29,320	71	20,817	630	4.68	29,484	63	17.8	11,214
Texas.....	5,600	70	3,920	16,930	70	11,851	1,370	6.11	83,707	133	19.9	26,467
South Central.....	15,790	62.8	9,914	79,210	70.7	56,040	5,284	5.41	285,770	427	18.5	79,128
Montana.....	240	78	187	10,990	78	8,572	125	4.11	5,138	27	17.7	4,779
Idaho.....	90	81	73	5,660	78	4,415	889	4.17	37,071	20	16.9	3,380
Wyoming.....	60	83	50	3,720	80	2,976	100	4.51	4,510	11	18.8	2,068
Colorado.....	170	80	136	12,080	77	9,302	374	4.69	17,541	29	17.3	5,017
New Mexico.....	70	75	52	2,420	77	1,863	79	6.34	5,009	16	20.5	3,280
Arizona.....	50	78	39	380	76	289	171	5.06	8,653	16	19.7	3,152
Utah.....	70	81	57	1,940	82	1,591	466	4.35	20,271	16	16.0	2,560
Nevada.....	30	81	24	920	82	754	46	4.49	2,065	7	16.8	1,176
Washington.....	300	78	234	0,830	82	8,061	1,360	4.87	66,232	60	19.1	11,460
Oregon.....	130	82	107	9,440	83	7,835	785	5.35	41,998	31	19.5	6,045
California.....	210	81	170	2,780	84	2,335	5,043	4.87	245,594	153	18.9	28,917
Western.....	1,420	79.5	1,129	60,160	79.8	47,993	9,438	4.81	454,082	386	18.6	71,834
United States.....	44,778	66.8	29,929	741,210	79.7	591,047	69,607	4.87	3,389,534	2,283	18.8	430,094

TABLE 535.—Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1948—Continued

State and division	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound butter-fat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	485	6.21	148	30,114	112	6,955	37,069	37,695
New Hampshire.....	291	6.57	168	19,126	33	2,168	21,294	21,681
Vermont.....	1,358	5.80	141	78,714	67	3,886	82,600	84,274
Massachusetts.....	684	7.22	180	49,374	54	3,899	53,273	54,222
Rhode Island.....	123	7.21	185	8,868	7	505	9,373	9,517
Connecticut.....	604	6.93	182	41,856	45	3,118	44,974	46,015
New York.....	7,395	5.35	143	395,609	423	22,630	418,239	430,782
New Jersey.....	1,015	6.33	162	64,294	44	2,785	67,079	68,048
Pennsylvania.....	4,931	5.64	145	278,192	425	23,970	302,162	308,846
North Atlantic.....	16,886	5.72	148.2	966,147	1,210	69,916	1,036,063	1,061,080
Ohio.....	4,647	5.02	122	233,344	519	26,054	259,398	266,512
Indiana.....	3,077	4.70	111	144,636	389	18,283	162,819	166,756
Illinois.....	4,466	4.36	113	194,813	588	25,637	220,450	225,325
Michigan.....	4,690	4.59	116	215,371	467	21,435	236,806	245,152
Wisconsin.....	13,934	4.23	114	589,628	488	20,642	610,270	630,862
E. North Central.....	30,814	4.47	115.2	1,377,692	2,451	112,051	1,489,743	1,534,607
Minnesota.....	7,270	3.58	99	260,094	522	18,688	278,782	286,973
Iowa.....	5,188	3.50	92	181,490	619	21,665	203,155	209,545
Missouri.....	3,316	4.41	103	146,262	703	31,002	177,264	181,780
North Dakota.....	1,439	3.09	82	44,532	277	8,559	53,091	55,126
South Dakota.....	1,140	3.18	84	36,263	225	7,155	43,418	45,061
Nebraska.....	1,779	3.35	88	59,520	394	13,199	72,719	75,576
Kansas.....	2,172	3.78	94	82,080	419	15,838	97,918	101,909
W. North Central.....	22,304	3.63	94.5	810,241	3,159	116,106	926,347	955,970
Delaware.....	158	5.75	144	9,088	15	862	9,950	10,120
Maryland.....	1,056	6.03	151	63,721	88	5,306	69,027	70,310
Virginia.....	1,311	5.12	120	67,155	623	31,898	99,053	102,093
West Virginia.....	456	5.37	125	24,505	362	19,439	43,944	45,430
North Carolina.....	653	5.76	128	37,587	853	49,133	86,720	88,531
South Carolina.....	225	6.48	144	14,591	356	23,069	37,660	38,232
Georgia.....	525	5.99	133	31,450	658	39,414	70,864	71,880
Florida.....	425	7.66	180	32,537	82	6,281	38,818	39,219
South Atlantic.....	4,809	5.84	134.9	280,634	3,037	175,402	456,036	465,815
Kentucky.....	1,366	4.64	105	63,358	776	36,006	99,364	101,198
Tennessee.....	1,362	5.00	112	68,141	813	40,650	108,791	110,500
Alabama.....	436	5.83	130	25,432	857	49,963	75,395	76,315
Mississippi.....	646	5.33	118	34,429	694	36,990	71,419	72,075
Arkansas.....	616	4.81	109	29,604	674	32,419	62,023	63,211
Louisiana.....	330	6.67	148	22,016	313	20,877	42,893	43,355
Oklahoma.....	1,486	4.17	97	61,927	622	25,937	87,864	90,155
Texas.....	2,172	5.80	132	125,945	1,526	88,508	214,453	217,500
South Central.....	8,414	5.12	116.1	430,852	6,275	331,350	762,202	774,309
Montana.....	475	3.93	101	18,676	111	4,362	23,038	23,934
Idaho.....	1,080	4.16	107	44,939	119	4,950	49,889	51,667
Wyoming.....	224	4.29	114	9,604	49	2,102	11,706	12,141
Colorado.....	773	4.14	109	31,996	154	6,376	38,372	39,992
New Mexico.....	175	5.83	139	10,204	58	3,381	13,585	13,875
Arizona.....	217	5.59	147	12,133	28	1,565	13,698	14,087
Utah.....	555	4.41	118	24,479	86	3,793	28,272	29,150
Nevada.....	88	4.57	124	4,019	10	457	4,476	4,661
Washington.....	1,733	4.96	118	55,987	215	10,664	96,651	100,242
Oregon.....	1,071	5.23	116	55,985	168	8,786	64,771	67,206
California.....	5,450	5.08	130	277,016	220	11,176	288,192	295,707
Western.....	11,841	4.86	121.5	575,038	1,218	57,612	632,650	652,662
United States.....	95,068	4.67	117.3	4,440,604	17,350	862,437	5,303,041	5,444,443

Footnotes 1, 2, 3, 4, and 5 same as those for table 534, page 433.

TABLE 536.—Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1949 (preliminary)

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream retailed by farmers		
				Cream sold as butterfat			Whole milk					
	Quantity sold	Price per lb.	Value of sales	Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 lbs.	Value of sales	Quantity sold, milk equivalent	Price per quart	Value of sales
	1,000 lb.	Ct.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. lb.	Dol.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Maine.....	2,100	67	1,407	680	71	483	370	5.02	18,574	37	20.1	7,437
New Hampshire.....	240	66	158	200	70	140	245	5.15	12,618	20	20.7	4,140
Vermont.....	380	66	251	260	71	185	1,367	4.62	63,155	17	19.6	3,332
Massachusetts.....	140	69	97	80	73	58	560	5.80	32,480	67	21.2	12,084
Rhode Island.....	8	69	6				112	6.34	7,101	9	20.7	1,863
Connecticut.....	70	69	48	40	74	30	567	6.17	34,984	36	20.8	7,488
New York.....	1,800	65	1,170	2,460	59	1,451	7,670	4.21	322,907	133	17.8	23,674
New Jersey.....	80	66	53				978	5.26	51,443	45	21.5	9,675
Pennsylvania.....	2,450	64	1,568	4,580	61	2,794	4,710	4.56	214,776	186	20.3	37,758
North Atlantic.....	7,268	65.5	4,758	8,300	61.9	5,141	16,579	4.57	758,038	540	19.9	107,451
Ohio.....	1,000	61	610	18,970	57	10,813	4,200	3.74	157,080	77	17.5	13,475
Indiana.....	400	62	248	18,100	59	10,679	2,640	3.69	97,416	29	17.5	5,075
Illinois.....	500	62	310	29,070	58	16,861	3,600	3.45	124,200	84	16.3	13,692
Michigan.....	750	64	480	34,380	65	22,347	4,060	3.89	157,934	23	17.4	4,002
Wisconsin.....	150	62	93	13,470	68	9,160	14,100	3.10	437,100	42	15.8	6,636
E. North Central.....	2,800	62.2	1,741	113,990	61.3	69,860	28,600	3.40	973,730	255	16.8	42,880
Minnesota.....	90	64	58	123,200	67	82,544	3,980	3.01	119,798	40	15.8	6,320
Iowa.....	220	64	141	148,490	65	96,518	970	3.66	35,502	42	16.9	7,098
Missouri.....	690	61	421	33,290	56	18,642	2,580	3.65	94,170	63	16.3	10,269
North Dakota.....	140	63	88	47,080	63	29,660	80	3.74	2,992	14	16.5	2,310
South Dakota.....	80	63	50	35,310	61	21,539	100	3.96	3,960	17	17.3	2,941
Nebraska.....	200	63	126	46,430	58	26,929	330	3.70	12,210	37	16.8	6,216
Kansas.....	330	64	211	46,130	57	26,294	770	3.58	27,566	47	17.6	8,272
W. North Central.....	1,750	62.6	1,095	479,930	63.0	302,126	8,810	3.36	296,198	260	16.7	43,426
Delaware.....	40	59	24				146	4.79	6,993	7	19.2	1,344
Maryland.....	310	57	177	530	57	302	1,020	5.20	53,040	45	19.1	8,595
Virginia.....	2,700	52	1,404	8,760	51	4,468	1,023	4.74	48,490	48	18.1	8,688
West Virginia.....	1,150	56	644	4,550	56	2,548	247	4.35	10,744	44	18.7	8,228
North Carolina.....	3,550	55	1,952	1,040	55	572	532	4.80	25,536	34	20.2	8,888
South Carolina.....	1,480	58	858	420	55	231	122	5.53	6,747	40	20.1	6,030
Georgia.....	4,000	53	2,120	1,210	56	678	382	5.67	21,659	44	20.1	8,844
Florida.....	220	63	139	40	59	24	379	6.95	26,340	37	22.0	8,140
South Atlantic.....	13,450	54.4	7,318	16,550	53.3	8,823	3,851	5.18	199,549	299	19.7	58,757
Kentucky.....	1,050	57	598	17,140	54	9,256	925	3.66	33,855	64	17.3	11,072
Tennessee.....	2,400	49	1,176	6,480	54	3,499	1,213	4.15	50,340	38	16.2	6,156
Alabama.....	3,450	49	1,690	1,040	58	603	333	5.47	18,215	32	18.2	5,824
Mississippi.....	850	55	468	2,110	57	1,203	540	4.18	22,572	27	18.2	4,914
Arkansas.....	1,150	58	667	9,270	56	5,191	301	4.19	12,612	37	16.6	6,142
Louisiana.....	420	61	255	210	59	124	260	5.76	14,976	29	19.6	5,684
Oklahoma.....	580	63	365	28,080	55	15,444	650	4.16	27,040	65	17.6	11,440
Texas.....	5,200	62	3,224	18,630	54	10,060	1,390	5.70	79,230	129	19.5	25,155
South Central.....	15,100	55.9	8,444	82,960	54.7	45,380	5,612	4.61	258,840	421	18.1	76,387
Montana.....	200	64	128	9,960	63	6,275	127	3.97	5,042	27	18.6	5,022
Idaho.....	80	67	54	5,160	61	3,148	823	3.12	25,678	20	17.3	3,460
Wyoming.....	50	67	34	3,610	63	2,274	99	4.33	4,287	10	18.4	1,840
Colorado.....	120	64	77	12,190	60	7,314	400	4.11	16,440	29	17.6	5,104
New Mexico.....	60	64	38	2,340	58	1,357	85	6.23	5,206	16	20.3	3,248
Arizona.....	40	66	26	300	68	204	182	4.76	8,663	16	19.5	3,120
Utah.....	50	65	32	1,530	61	933	485	3.72	18,042	16	16.2	2,592
Nevada.....	30	66	20	880	64	563	48	4.41	2,117	7	16.9	1,183
Washington.....	270	65	176	9,250	64	5,920	1,373	4.17	57,254	58	18.8	10,904
Oregon.....	120	65	78	8,270	65	5,376	830	4.64	38,512	29	19.6	5,684
California.....	200	65	130	2,470	67	1,655	5,210	4.31	224,551	148	18.8	27,824
Western.....	1,220	65.0	793	55,960	62.6	35,019	9,662	4.20	405,882	376	18.6	69,981
United States.....	41,588	58.1	24,149	757,690	61.5	466,349	73,114	3.96	2,892,237	2,151	18.5	398,882

TABLE 536.—*Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1949 (preliminary)*—Continued

State and division	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound butter-fat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	508	5.49	131	27,901	110	6,039	33,940	34,532
New Hampshire.....	297	5.74	147	17,056	34	1,952	19,008	19,344
Vermont.....	1,417	4.72	115	66,923	68	3,210	70,133	71,461
Massachusetts.....	687	6.51	163	44,719	55	3,580	48,299	49,150
Rhode Island.....	131	6.85	176	8,970	7	480	9,450	9,590
Connecticut.....	648	6.57	173	42,550	46	3,022	45,572	46,647
New York.....	8,063	4.33	115	349,202	410	17,753	366,955	377,056
New Jersey.....	1,077	5.68	146	61,171	44	2,499	63,670	64,695
Pennsylvania.....	5,282	4.86	125	256,896	408	19,829	276,725	282,463
North Atlantic.....	18,113	4.83	125.5	875,388	1,182	58,364	933,752	954,938
Ohio.....	4,851	3.75	91	181,978	509	19,088	201,066	206,512
Indiana.....	3,143	3.61	85	113,418	388	14,007	127,425	130,465
Illinois.....	4,558	3.40	88	155,063	576	19,584	174,647	178,466
Michigan.....	5,019	3.68	93	184,763	459	16,891	201,654	208,914
Wisconsin.....	14,559	3.11	84	452,989	480	14,928	467,917	484,165
East North Central.....	32,130	3.39	87.4	1,088,211	2,412	84,498	1,172,709	1,208,522
Minnesota.....	7,567	2.76	77	208,720	512	14,131	222,851	229,632
Iowa.....	5,122	2.72	72	139,259	621	16,891	156,150	161,051
Missouri.....	3,536	3.49	81	123,502	697	24,325	147,827	151,536
North Dakota.....	1,403	2.50	67	35,050	263	6,575	41,625	43,250
South Dakota.....	1,109	2.57	68	28,490	209	5,371	33,861	35,183
Nebraska.....	1,687	2.70	71	45,481	391	10,557	56,038	58,374
Kansas.....	2,091	2.98	74	62,343	415	12,367	74,710	77,778
West North Central.....	22,515	2.86	74.5	642,845	3,108	90,217	733,062	756,804
Delaware.....	161	5.19	130	8,361	16	830	9,191	9,394
Maryland.....	1,138	5.46	136	62,114	89	4,859	66,973	68,195
Virginia.....	1,399	4.51	106	63,050	616	27,782	90,832	93,763
West Virginia.....	475	4.67	109	22,164	381	17,793	39,957	41,376
North Carolina.....	720	5.13	114	36,948	867	44,477	81,425	83,055
South Carolina.....	224	6.19	138	13,866	381	23,584	37,450	38,068
Georgia.....	582	5.72	127	33,301	687	39,296	72,597	73,674
Florida.....	464	7.47	176	34,643	85	6,350	40,993	41,384
South Atlantic.....	5,163	5.32	123.1	274,447	3,122	164,971	439,418	448,909
Kentucky.....	1,493	3.67	83	54,781	805	29,544	84,325	85,988
Tennessee.....	1,496	4.09	92	61,171	796	32,556	93,727	95,174
Alabama.....	492	5.35	119	26,332	860	46,010	72,342	73,456
Mississippi.....	664	4.39	98	29,157	671	29,457	58,614	59,265
Arkansas.....	629	3.91	89	24,612	666	26,041	50,653	51,299
Louisiana.....	336	6.26	139	21,040	326	20,408	41,418	42,005
Oklahoma.....	1,451	3.67	85	54,289	617	22,644	76,933	79,052
Texas.....	2,217	5.31	121	117,669	1,503	79,809	197,478	200,559
South Central.....	8,508	4.42	100.0	389,051	6,244	286,469	675,520	686,798
Montana.....	449	3.67	94	16,467	100	3,670	20,137	20,956
Idaho.....	1,001	3.23	83	32,340	118	3,811	36,151	37,495
Wyoming.....	218	3.87	103	8,435	46	1,780	10,215	10,565
Colorado.....	800	3.62	95	28,935	135	4,887	33,822	35,223
New Mexico.....	179	5.55	132	9,939	59	3,274	13,213	13,542
Arizona.....	226	5.32	140	12,013	28	1,490	13,503	13,885
Utah.....	562	3.84	102	21,599	87	3,341	24,940	25,690
Nevada.....	89	4.36	118	3,883	10	436	4,319	4,491
Washington.....	1,727	4.30	102	74,254	214	9,202	83,456	86,602
Oregon.....	1,085	4.58	102	49,650	173	7,923	57,573	59,769
California.....	5,597	4.54	116	254,160	220	9,988	264,148	271,129
Western.....	11,933	4.29	107.5	511,675	1,190	49,802	561,477	579,320
United States.....	98,659	3.83	96.2	3,781,617	17,258	734,321	4,515,938	4,635,291

Footnotes 1, 2, 3, 4, and 5 same as those for table 534, page 433.

TABLE 537.—*Milk: Average price per 100 pounds paid producers by condenseries for milk of 3.5 percent butterfat, by geographic divisions, 1940-49*<sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1940.....	1.49	1.49	1.37	1.34	1.30	1.39	1.48	1.38
1941.....	1.94	1.82	1.84	1.70	1.62	1.78	1.82	1.81
1942.....	2.16	2.07	2.06	1.97	1.85	2.15	2.28	2.08
1943.....	2.73	2.60	2.61	2.50	2.43	2.55	2.78	2.61
1944.....	2.77	2.61	2.64	2.55	2.48	2.63	2.92	2.66
1945.....	2.75	2.53	2.59	2.53	2.43	2.68	2.92	2.63
1946.....	3.69	3.21	3.42	3.25	3.08	3.20	3.43	3.36
1947.....	4.11	3.39	3.49	3.34	3.19	3.24	3.50	3.46
1948.....	4.53	3.72	3.97	3.72	3.54	3.63	3.91	3.90
1949.....	3.36	2.73	2.81	2.70	2.62	2.82	2.97	2.81

<sup>1</sup> All prices f.o.b. factory.<sup>2</sup> Includes Montana, Wyoming, Idaho, Washington, and Oregon.<sup>3</sup> Includes Colorado, New Mexico, Arizona, Nevada, Utah, and California.

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TABLE 538.—*Fluid milk: Dealers' annual average buying prices per 100 pounds for standard grade milk (3.5 percent butterfat basis) used for city distribution as milk and cream, by geographic divisions, 1940-49*<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1940.....	2.82	2.56	1.96	1.87	2.74	2.13	1.92	1.82	1.93	2.21
1941.....	3.00	2.72	2.21	2.01	2.90	2.34	2.09	1.96	2.20	2.40
1942.....	3.42	3.13	2.54	2.33	3.23	2.87	2.66	2.25	2.70	2.79
1943.....	3.68	3.37	2.93	2.73	3.58	3.29	3.22	2.66	3.10	3.16
1944.....	3.74	3.42	3.02	2.80	3.73	3.40	3.31	2.87	3.13	3.24
1945.....	3.75	3.43	3.04	2.81	3.77	3.44	3.32	2.89	3.14	3.26
1946.....	4.56	4.14	3.63	3.48	4.45	4.03	3.90	3.51	3.78	3.92
1947.....	5.32	4.95	4.19	4.08	5.37	4.80	4.81	4.37	4.66	4.71
1948.....	5.96	5.42	4.72	4.58	5.71	5.23	5.32	4.69	4.91	5.17
1949.....	5.64	5.16	3.93	3.88	5.63	4.64	5.18	4.74	4.60	4.76

<sup>1</sup> All prices f.o.b. local shipping point or country plant. Compiled from reports of the Bureau, secured through the cooperation of milk distributors, producers' associations, and municipal officers.

Bureau of Agricultural Economics.

TABLE 539.—*Milk, standard.<sup>1</sup> Annual average retail prices per quart, delivered to homes in specified cities, 1940-49*

City	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Boston.....	13.2	13.7	15.0	15.7	16.0	16.0	18.2	20.2	22.6	22.2
New Haven.....	14.0	14.8	16.0	16.0	16.0	16.0	18.1	20.2	22.1	22.7
New York.....	14.8	15.7	16.9	17.1	17.0	17.0	19.5	21.1	24.0	23.0
Philadelphia.....	12.0	12.4	14.0	14.0	14.0	14.0	16.7	19.1	20.8	20.5
Pittsburgh.....	12.5	13.4	14.0	15.5	15.5	15.5	17.6	19.7	20.8	20.9
Cleveland.....	11.1	12.6	14.0	14.9	15.0	15.0	17.1	17.7	20.2	17.8
Indianapolis.....	11.4	12.6	14.0	14.0	14.0	14.0	15.8	17.9	20.0	18.7
Chicago.....	13.0	14.0	15.4	16.5	16.5	16.5	18.9	21.0	22.5	21.1
Detroit.....	11.0	11.9	14.0	14.9	15.0	15.0	16.5	18.3	20.0	18.8
Milwaukee.....	11.0	12.0	11.8	12.8	13.0	13.0	15.1	16.8	19.4	17.0
Minneapolis.....	10.5	12.1	12.2	13.0	13.0	13.0	15.1	18.2	19.9	18.1
Kansas City, Mo.....	11.7	12.2	13.0	14.7	15.0	15.0	16.8	18.0	20.1	18.6
Omaha.....	11.0	11.3	12.9	13.0	13.0	13.0	15.5	17.5	19.3	18.8
Baltimore.....	11.8	13.2	14.0	14.0	14.0	14.0	16.5	19.0	20.7	20.6
Washington, D. C.....	14.0	14.3	15.0	15.0	15.0	15.0	17.2	19.8	20.8	20.2
Jacksonville.....	16.0	16.3	18.0	18.4	19.0	19.0	20.6	22.3	25.8	25.2
Louisville.....	12.8	14.1	15.0	15.8	16.0	16.0	18.0	19.8	21.7	20.8
New Orleans.....	13.0	14.2	15.5	15.4	15.5	15.5	17.7	20.6	22.4	22.5
Dallas.....	11.0	11.8	14.0	14.8	15.0	15.0	16.8	19.2	21.5	21.2
Denver.....	12.0	12.2	13.0	13.0	13.5	13.5	15.5	18.2	19.5	20.0
Salt Lake City.....	10.0	10.4	12.2	13.0	13.0	13.0	14.8	17.1	18.5	19.0
Seattle.....	11.0	11.9	14.0	14.0	14.0	14.0	16.1	19.3	20.0	18.6
Portland, Oreg.....	11.0	12.2	14.0	14.0	14.0	14.0	15.7	17.8	19.6	20.0
San Francisco.....	12.2	13.6	14.8	15.5	15.5	15.5	17.1	18.7	20.2	19.8
Los Angeles.....	11.6	12.3	13.5	14.5	14.5	14.5	16.2	18.3	19.9	19.9
Average, 25 cities.....	12.1	13.0	14.2	14.8	14.9	14.9	16.9	19.0	20.9	20.2
Fall River, Mass.....	14.0	14.4	15.0	15.8	16.0	16.0	18.4	20.6	22.3	21.5
Lowell-Lawrence, Mass.....	13.2	13.6	15.0	16.1	16.5	16.0	18.2	20.3	22.6	21.5
Cincinnati, Ohio.....	10.8	12.6	14.9	15.0	15.0	15.0	16.7	19.0	21.5	19.4
Columbus, Ohio.....	10.4	11.8	13.0	14.0	14.0	14.0	15.9	17.2	19.6	17.9
Dayton-Springfield, Ohio.....	11.0	12.3	14.0	14.9	15.0	15.0	16.8	18.8	20.9	18.8
Toledo, Ohio.....	12.0	12.5	14.0	14.9	15.0	15.0	16.7	18.7	20.8	19.3
Fort Wayne, Ind.....	11.0	11.9	13.2	13.9	14.0	14.0	15.9	17.7	19.8	18.2
Duluth, Minn.....	9.6	11.2	11.9	13.4	13.5	13.5	15.0	16.7	19.3	19.2
Sioux City, Iowa.....	11.0	11.2	12.2	12.0	12.7	13.0	15.2	17.6	19.4	19.2
St. Louis, Mo.....	12.4	13.8	14.5	15.2	15.5	15.5	17.5	19.9	21.3	20.1
Topeka, Kans.....	10.1	10.9	12.0	14.2	14.5	14.5	16.7	18.6	20.4	19.1
Wichita, Kans.....	12.0	12.2	13.8	14.7	15.0	15.0	16.6	17.2	20.2	20.1

<sup>1</sup> "Standard" refers to the grade of milk commonly sold in each market. Grades may vary from market to market because of variation of the factors which enter into grade determination.

Bureau of Agricultural Economics. Compiled from reports secured through the cooperation of milk distributors, producers' associations, and municipal officers.

TABLE 540.—Milk markets under Federal marketing programs: Blend and Class I prices, number of producers, receipts from producers, and milk and milk products utilized for fluid consumption, 1948 and 1949

Market	Basic butter-fat test	Average minimum prices payable to producers (per 100 lb., f.o.b. city plant) <sup>1 2</sup>				Average number of producers <sup>3</sup>		Total receipts from producers <sup>3</sup>		Milk and milk products utilized for fluid consumption <sup>6</sup>			
		Blend		Class I		1948 <sup>4</sup>	1949	1948 <sup>4</sup>	1949	Whole milk		Other fluid products <sup>6</sup>	
		1948	1949	1948	1949					1948 <sup>4</sup>	1949	1948 <sup>4</sup>	1949
	Percent	Dollars	Dollars	Dollars	Dollars	Number	Number	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Boston, Mass., 201-210 mile zone . . . . .	3.7	5.37	4.38	5.85	5.45	13,085	13,657	1,321,622	1,475,886	688,910	689,513	9,958	13,580
Chicago, Ill. . . . .	3.5	4.60	3.55	4.78	3.77	19,421	20,892	2,978,335	3,360,530	7 1,387,227	1,438,405	7 74,646	82,826
Chicago, Suburban . . . . .						2,657	2,639	253,812	284,928	7 224,667	235,898	7 10,346	11,742
Grade A . . . . .	3.5	8 4.77	8 3.73	4.78	3.77								
Grade B . . . . .	3.5	8 4.50	8 3.38	4.68	3.67								
Cincinnati, Ohio . . . . .	4.0	9 4.92	9 3.80	5.70	4.70	5,299	5,604	326,066	370,875	168,368	170,023	10 17,554	10 19,633
Cleveland, Ohio . . . . .	3.5	4.93	3.90	5.18	4.14	8,675	7,419	611,938	657,490	410,324	422,825	27,377	31,784
Clinton, Iowa . . . . .	3.5	4.69	3.74	4.67	3.81	141	132	13,276	15,043	12,611	12,126	385	411
Columbus, Ohio . . . . .	3.5	4.90	3.90	4.99	4.02	2,384	2,411	188,235	207,776	130,032	133,610	10,412	11,580
Dayton-Springfield, Ohio . . . . .	3.5	4.89	3.81	5.04	3.98	2,828	2,672	204,949	223,766	140,564	142,648	10,735	11,654
Dubuque, Iowa . . . . .	3.5	4.34	3.39	4.67	3.75	291	213	26,133	29,907	15,116	15,756	813	877
Duluth-Superior, Minn.-Wis. . . . .	4.0	5.19	4.19	5.28	4.46	1,183	1,285	83,205	101,651	57,734	58,351	2,742	2,873
Fall River, Mass. . . . .	3.7	8 6.61	8 6.19	6.65	6.26	254	242	39,404	38,627	44,072	43,796	1,631	1,384
Fort Wayne, Ind. . . . .	4.0	5.02	3.82	5.20	4.04	931	1,059	66,344	79,365	41,358	42,132	2,829	2,854
Kansas City, Mo.-Kans. . . . .	3.8	11 5.11	11 4.29	5.23	4.44	2,264	2,467	226,110	261,664	181,473	190,543	17,360	17,371
Knoxville, Tenn. <sup>12</sup> . . . . .	4.0		13 5.31		13 5.40		13 559		14 29,356		14 19,142		14 3,845
Lima, Ohio <sup>15</sup> . . . . .	3.5		13 4.05		13 4.14		13 307		14 10,130		14 11,388		14 684
Louisville, Kentucky . . . . .	3.8	11 5.16	11 4.21	5.39	4.53	1,766	2,040	200,549	227,898	144,587	148,736	13,422	14,038
Lowell-Lawrence, Mass. . . . .	3.7	8 10 6.15	8 10 4.66	6.36	5.97	919	990	92,008	109,980	79,634	78,476	1,158	1,282
Minneapolis-St. Paul, Minn. . . . .	3.5	8 4.43	8 3.64	4.60	3.79	5,562	5,629	591,610	651,682	337,452	340,367	17,074	19,709
Nashville, Tenn. . . . .	4.0	11 5.48	11 4.69	5.68	4.81	658	767	89,021	106,551	68,792	74,380	17,521	18,257
New Orleans, La., 61-70 mile zone . . . . .	4.0	8 5.60	8 5.10	5.83	5.62	2,397	2,696	180,641	215,150	144,176	150,134	5,182	6,011
New York, N. Y., 201-210 mile zone . . . . .	3.5	5.13	4.13	5.66	5.26	45,050	47,387	5,587,459	6,421,242	17 3,050,057	17 3,042,122	17 22,400	17 18,651
Omaha-Council Bluffs, Nebr.-Iowa . . . . .	3.8	4.93	4.03	5.08	4.13	2,214	2,127	127,784	126,846	84,987	86,316	5,616	6,143
Paducah, Ky. . . . .	4.0	5.26	4.34	5.27	4.35	195	246	14,064	18,056	9,693	10,130	2,181	1,889
Philadelphia, Pa. . . . .	4.0	8 5.63	8 5.13	5.82	5.70	9,120	9,085	985,084	1,065,834	699,353	698,979	37,467	40,638
Quad Cities, Ill.-Iowa . . . . .						1,354	1,480	107,660	128,475	67,944	70,414	4,611	4,587
Grade A . . . . .	3.5	4.94	3.71	5.02	3.90								
Non-grade A . . . . .	3.5	3.97	2.70	4.72	3.55								
Rockford-Freepoint, Ill. . . . .							18 600		19 14,123		19 9,246		19 600
Grade A <sup>20</sup> . . . . .	3.5		8 18 3.70		3.88								
Non-grade A <sup>20</sup> . . . . .	3.5		8 18 3.70		3.78								
St. Louis, Mo. . . . .	3.5	8 5.08	8 4.15	5.19	4.28	3,297	3,591	345,909	361,930	294,717	299,006	21 25,713	21 27,570
Sioux City, Iowa . . . . .	3.5	11 4.80	11 3.98	4.81	3.98	507	549	30,448	35,126	22,782	23,429	1,618	1,858
South Bend-LaPorte, Ind. . . . .	3.5	4.71	3.68	4.75	3.78	764	814	73,833	85,636	61,275	61,887	4,871	5,157
Toledo, Ohio . . . . .	3.5	8 4.90	8 3.80	5.03	3.99	2,105	2,143	147,195	165,615	118,243	121,355	9,738	11,582
Topeka, Kansas . . . . .	3.8	11 4.87	11 4.18	4.98	4.29	332	358	30,856	35,395	23,740	26,556	1,063	1,409
Tri-State: Ky., Ohio, W. Va. . . . .						1,438	1,609	112,067	124,746	91,496	94,196	9,647	10,386
Huntington district plants . . . . .	3.5	5.18	4.19	5.33	4.34								
Other plants . . . . .	3.5	5.00	4.02	5.13	4.14								
Wichita, Kansas . . . . .	3.8	22 5.12	22 4.49	5.18	4.56	529	626	55,179	63,216	43,982	47,931	3,004	3,598

See footnotes on page 441.



TABLE 541.—*Milk and cream: Receipts at New York, Philadelphia, and Boston, by rail and truck, 1940-49*

Product and year	New York			Philadelphia			Boston		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents	1,000 40-gt. unit equiva- lents
Fluid milk:									
1940.....	13,950	23,475	37,425	1,374	7,084	8,458	3,594	2,514	6,108
1941.....	13,868	24,942	38,810	1,270	7,631	8,901	3,827	2,603	6,430
1942.....	14,214	25,319	39,533	1,466	7,872	9,338	4,285	2,876	7,161
1943.....	16,509	25,622	42,131	1,217	8,113	9,330	5,116	2,730	7,846
1944.....	17,333	26,077	43,410	1,041	8,761	9,802	5,200	3,087	8,287
1945.....	18,237	26,175	44,412	873	9,566	10,439	5,499	3,482	8,981
1946.....	18,858	27,747	46,605	716	9,757	10,473	4,949	4,313	9,262
1947.....	16,649	29,845	46,494	706	9,856	10,562	5,046	3,864	8,910
1948.....	11,592	33,813	45,405	561	9,930	10,491	5,069	4,250	9,319
1949.....	8,464	36,266	44,730	548	10,479	11,027	5,105	3,853	8,958
Fluid cream: <sup>1</sup>									
1940.....	906	582	1,488	129	148	277	457	107	564
1941.....	887	565	1,452	144	162	306	506	99	605
1942.....	816	474	1,290	156	170	326	493	91	584
1943.....	678	172	750	154	114	268	405	83	488
1944.....	652	159	811	194	146	340	380	59	439
1945.....	784	187	971	206	151	357	488	44	532
1946.....	935	243	1,178	408	136	544	656	42	698
1947.....	854	302	1,156	282	130	412	438	70	508
1948.....	649	307	956	135	158	293	432	67	499
1949.....	495	503	998	49	246	295	387	105	492

<sup>1</sup> 40-percent butterfat basis.

Production and Marketing Administration.

## FOOTNOTES FOR TABLE 540:

<sup>1</sup> As specified in order.<sup>2</sup> Simple average of monthly data.<sup>3</sup> Includes producer-handlers where they represent appreciable portion of market.<sup>4</sup> Revised for markets for which audited data were available.<sup>5</sup> Represents total volume distributed within the marketing area, except where milk sold on routes extending outside the area could not be segregated. Includes sales of milk received from sources other than producers.<sup>6</sup> Includes skim milk, buttermilk, and flavored milk and milk drinks.<sup>7</sup> Includes all items sold in the metropolitan area.<sup>8</sup> Individual handler pools; weighted average of handlers' prices.<sup>9</sup> For 3.5 percent milk.<sup>10</sup> Includes buttermilk sold outside of the marketing area.<sup>11</sup> Includes fall production payments separately distributed.<sup>12</sup> Order effective July 16; pricing provisions effective August 1, 1949.<sup>13</sup> 5 months' average.<sup>14</sup> 5 months' total.<sup>15</sup> Order effective August 1, 1949.<sup>16</sup> Average price for all zones.<sup>17</sup> Includes all whole milk and skim milk items shipped into the marketing area, and may include some milk drinks disposed of outside the marketing area.<sup>18</sup> 4 months' average.<sup>19</sup> 4 months' total.<sup>20</sup> Order effective August 1; pricing provisions effective September 1, 1949.<sup>21</sup> Includes skim milk items shipped outside of the marketing area.<sup>22</sup> Composite of base and excess milk prices.

Production and Marketing Administration. Compiled from reports of the market administrators.

TABLE 542.—*Milk and cream: Receipts at New York, Philadelphia, and Boston, by origin, 1948 and 1949*<sup>1</sup>

Product and origin	New York		Philadelphia		Boston	
	1948	1949	1948	1949	1948	1949
	<i>1,000 40-gt. unit equivalents</i>	<i>1,000 40-gt. unit equivalents</i>	<i>1,000 40-gt. unit equivalents</i>	<i>1,000 40-gt. unit equivalents</i>	<i>1,000 40-gt. unit equivalents</i>	<i>1,000 40-gt. unit equivalents</i>
Fluid milk:						
Maine.....					1,129	1,225
New Hampshire.....					811	718
Vermont.....	1,737	1,553			6,041	5,513
Massachusetts.....					476	534
Connecticut.....	94	93				
New York.....	31,931	30,721	81	5	840	968
New Jersey.....	5,331	5,747	744	827		
Pennsylvania.....	6,126	6,381	7,890	8,216		
Ohio.....					22	
Wisconsin.....	1		15	1		
Delaware.....	24		571	650		
Maryland.....	161	235	1,190	1,328		
Total.....	45,405	44,730	10,491	11,027	9,319	8,958
Fluid cream: <sup>2</sup>						
Maine.....					11	24
Vermont.....	17	1			163	296
New York.....	818	942	2	9	21	25
New Jersey.....	21	18				
Pennsylvania.....	22	27	54	65		
Ohio.....	14	2	1		50	34
Indiana.....			68	53	60	8
Illinois.....					8	
Michigan.....	31	5	4	2	39	82
Wisconsin.....	32	1	119	80	73	10
Minnesota.....			1		26	5
Missouri.....				1	33	2
Maryland.....	1	2	43	81		
Virginia.....					3	2
West Virginia.....			1	4		
North Carolina.....					1	
Kentucky.....					2	2
Tennessee.....					6	2
Arkansas.....					3	
Total.....	956	998	293	295	499	492

<sup>1</sup> Figures include both rail and truck receipts.<sup>2</sup> 40-percent butterfat basis.

Production and Marketing Administration.

TABLE 543.—*Cream (40-percent butterfat): Average wholesale price per 40-quart can, New York, Philadelphia, and Boston, 1940-49*

Year	New York	Philadel- phia	Boston	Year	New York	Philadel- phia	Boston
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1940.....	19.29	13.73	13.87	1945.....	28.78	24.89	24.75
1941.....	22.21	17.47	17.37	1946.....	37.22	32.41	32.26
1942.....	24.65	19.08	19.46	1947.....	38.50	32.87	32.28
1943.....	28.29	23.96	23.55	1948.....	42.53	35.76	36.00
1944.....	28.66	24.27	23.63	1949.....	33.97	26.53	27.36

Production and Marketing Administration.

TABLE 544.—*Dairy products: Quantities manufactured, United States, 1941-48*

Product	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>	1948 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter.....	1,872,183	1,764,054	1,673,788	1,488,502	1,363,717	1,171,339	1,329,094	1,210,042
Renovated or process butter.....	3,195	3,768	2,940	6,406	2,345	1,441	1,219	1,090
American cheese:								
Whole milk.....	753,122	916,850	765,089	804,787	875,084	801,264	932,718	850,708
Part skim.....	4,139	3,759	4,670	2,248	1,098	2,696	4,906	3,987
Full skim.....	416	1,001	2,337	2,628	2,172	2,367	2,153	1,956
Swiss cheese (including block).....	55,962	52,561	45,626	45,571	50,065	55,695	71,612	70,665
Munster cheese.....	7,426	9,210	8,946	11,191	7,314	9,235	9,731	8,308
Brick cheese.....	24,640	19,588	19,032	16,244	7,442	8,443	16,802	18,198
Limburger cheese.....	8,088	8,441	6,653	7,510	8,777	9,548	7,753	7,358
Cream cheese.....	50,012	47,554	<sup>3</sup> 70,451	<sup>3</sup> 60,440	<sup>3</sup> 66,912	<sup>3</sup> 73,226	<sup>3</sup> 66,503	<sup>3</sup> 56,816
Blue mold cheese.....			<sup>4</sup> 8,036	<sup>4</sup> 6,835	<sup>4</sup> 9,828	<sup>4</sup> 12,451	<sup>4</sup> 10,580	<sup>4</sup> 9,289
All Italian varieties of cheese.....	34,363	34,916	43,003	41,762	64,628	75,388	38,100	43,377
All other varieties of cheese.....	18,409	19,435	21,788	20,659	25,624	52,824	24,241	25,719
Total of all cheese <sup>5</sup> .....	956,161	1,112,314	993,294	1,017,247	1,116,772	1,100,770	1,182,946	1,094,425
Cottage cheese:								
Curd <sup>6</sup> .....						251,699	215,302	255,606
Creamed <sup>6</sup> .....						209,945	230,597	248,221
Total.....	187,595	196,799	213,910	224,374	284,774			
Condensed milk (sweetened):								
Case goods:								
Skimmed.....	2,334	4,839	697	102	216	302	243	362
Unskimmed.....	114,772	62,453	117,247	139,145	143,306	113,906	164,733	126,295
Bulk goods:								
Skimmed.....	173,658	225,840	306,899	374,840	519,188	818,076	541,813	241,432
Unskimmed.....	79,299	75,382	66,588	63,586	77,016	69,750	82,553	45,558
Unsweetened condensed milk (plain condensed):								
Bulk goods:								
Skimmed.....	326,535	318,379	325,512	363,771	454,443	487,219	403,194	493,893
Unskimmed.....	113,965	125,880	102,452	119,403	128,875	98,471	174,525	223,253
Evaporated milk (unsweet- ened): Case goods:								
Unskimmed.....	3,246,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643	3,208,027	3,382,893
Concentrated skim milk (for animal feed).....	19,450	13,211	14,964	20,489	12,250	23,408	18,642	22,633
Condensed or evaporated buttermilk.....	128,183	169,999	167,338	157,503	160,441	226,708	189,135	170,954
Dry buttermilk.....	75,614	69,637	60,995	56,683	49,578	38,627	45,437	41,528
Dry whole milk.....	45,627	62,167	137,766	177,754	217,276	188,406	164,888	170,087
Nonfat dry milk solids.....	366,455	565,414	509,620	582,912	642,546	653,465	677,941	681,532
Dryskim milk (animal feed).....	110,042	61,148	24,279	16,407	17,508	13,704	22,149	13,145
Total nonfat dry milk solids <sup>7</sup> .....	476,497	626,562	533,899	599,319	660,054	667,169	700,090	694,677
Dry cream.....	43	54	216	193	203	567	320	312
Dry whey.....	111,316	124,479	110,158	141,553	135,920	147,953	157,583	125,185
Dry casein (skim milk or buttermilk product).....	47,346	42,268	18,386	15,264	12,333	18,319	35,831	14,372
Malted milk powder.....	23,242	34,679	49,435	40,549	42,751	45,029	37,354	31,361
Ice cream:	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Wholesale.....	340,992	409,169	368,938	394,123	424,289	651,541	576,979	523,388
Retail.....	49,183	54,977	42,688	50,075	52,068	62,053	53,787	50,156
Total manufactured Sherbet (does not include water ices).....	390,175	464,146	411,626	444,198	476,357	713,594	630,766	573,544
	8,060	8,772	47,218	49,481	65,177	12,019	10,447	12,211

<sup>1</sup> Revised.<sup>2</sup> Preliminary.<sup>3</sup> Includes Neufchatel cheese.<sup>4</sup> Prior to 1943 included in "All other varieties of cheese."<sup>5</sup> Excluding American full skim cheese and cottage, pot, and bakers' cheese.

<sup>6</sup> Comparable data prior to 1946 not available. Cottage cheese curd includes cottage, pot, and bakers' cheese with a butterfat content of less than 4 percent, made by reporting plants. Creamed cottage cheese includes cheese with a butterfat content of 4 to 19 percent. Cottage cheese curd and creamed cottage cheese should not be added together to get a total cottage cheese figure, for, while some of the cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant for creaming prior to sale.

<sup>7</sup> Includes dry skim milk (animal feed).

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TABLE 545.—*Dairy products: Factory production of specified items, by States, average 1942-46, annual 1947 and 1948*

State and division	Creamery butter (including whey butter)			American cheddar cheese			Total cheese <sup>1</sup>		
	Average 1942-46	1947	1948 <sup>1</sup>	Average 1942-46	1947	1948 <sup>1</sup>	Average 1942-46	1947	1948 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	365	68	53	—	—	—	—	—	—
Vermont.....	3,027	2,092	798	429	1,013	1,409	2,787	3,094	3,398
Massachusetts.....	248	263	248	—	—	—	2,268	2,545	2,378
Connecticut.....	15	—	—	—	—	—	115	—	174
New England.....	4 3,657	4 2,425	4 1,100	429	1,013	1,427	4 5,181	4 5,878	4 6,072
New York.....	23,059	17,686	14,868	24,222	30,191	30,630	64,149	71,043	73,405
New Jersey.....	126	83	—	—	—	—	1,098	1,144	1,136
Pennsylvania.....	11,898	10,923	9,544	1,388	1,272	808	12,455	10,990	10,919
Middle Atlantic.....	35,083	28,692	4 24,448	4 25,635	31,463	31,438	77,702	83,177	85,460
Ohio.....	62,284	55,767	52,535	21,007	23,260	20,159	33,224	38,912	36,998
Indiana.....	49,241	35,783	33,487	39,754	39,708	37,391	39,925	40,239	37,882
Illinois.....	68,756	59,296	55,390	62,942	67,791	56,492	80,404	86,864	77,704
Michigan.....	63,461	47,930	43,079	23,481	25,894	23,047	27,391	28,134	24,264
Wisconsin.....	124,003	115,710	99,992	386,062	416,043	386,020	505,199	535,873	502,104
E. N. Central.....	367,745	314,486	284,483	533,246	572,696	523,109	686,143	730,022	678,952
Minnesota.....	253,967	243,874	222,657	36,286	56,586	51,635	39,471	58,949	54,061
Iowa.....	223,317	209,145	187,885	10,666	10,013	8,707	10,873	10,555	9,234
Missouri.....	70,297	63,804	61,830	43,886	57,092	56,330	44,230	59,555	56,378
North Dakota.....	57,234	49,525	44,999	286	—	—	—	—	—
South Dakota.....	39,293	35,136	31,169	1,612	1,421	1,141	1,612	1,523	1,141
Nebraska.....	84,723	79,003	78,240	2,126	1,302	853	2,159	1,304	856
Kansas.....	62,350	51,001	46,823	13,596	16,354	8,525	13,716	16,498	8,880
W. N. Central.....	791,181	731,488	673,603	108,458	142,931	127,191	4 112,347	4 148,547	130,550
Maryland.....	2,554	2,941	2,972	—	—	—	—	—	—
Virginia.....	7,321	7,527	7,303	—	—	—	—	—	—
West Virginia.....	2,149	1,900	1,614	—	—	—	—	—	—
North Carolina.....	1,725	1,732	1,630	—	—	—	—	—	—
South Carolina.....	354	246	217	—	—	—	—	—	—
Georgia.....	1,085	809	553	—	—	—	—	—	—
Florida.....	15	—	—	—	—	—	—	—	—
South Atlantic.....	4 15,208	15,155	4 14,290	4 1,085	4 1,809	4 2,126	4 1,089	4 1,828	4 2,140
Kentucky.....	21,669	23,099	23,310	16,085	22,480	23,033	16,137	22,879	23,033
Tennessee.....	14,725	13,293	13,518	25,396	35,979	37,004	27,665	42,403	40,091
Alabama.....	456	—	—	4,346	4,094	3,006	4,346	4,094	3,006
Mississippi.....	3,852	3,014	2,523	10,684	11,345	11,094	10,705	11,350	11,142
Arkansas.....	6,480	6,194	6,493	7,065	7,618	7,462	7,360	7,618	7,462
Louisiana.....	576	386	419	32	—	—	32	213	332
Oklahoma.....	46,966	35,675	31,332	13,142	15,861	12,467	13,199	15,861	12,566
Texas.....	29,458	17,045	12,731	14,212	10,904	6,920	17,297	13,338	9,217
South Central.....	124,182	4 98,877	4 90,474	90,962	4 108,297	4 101,016	96,741	117,756	106,849
Montana.....	11,306	9,350	8,637	3,172	3,808	2,818	3,172	3,808	2,818
Idaho.....	31,443	25,928	24,923	18,749	20,447	19,148	22,295	24,058	22,686
Wyoming.....	2,884	2,787	2,078	867	619	—	1,902	1,747	1,557
Colorado.....	19,763	16,148	14,077	1,206	1,331	444	2,077	2,195	1,259
New Mexico.....	2,031	1,350	1,164	—	—	—	—	—	—
Arizona.....	978	750	635	227	—	—	673	543	701
Utah.....	7,038	4,929	5,485	6,760	8,057	7,024	8,124	12,026	11,485
Nevada.....	1,301	831	940	—	—	—	—	—	—
Mountain.....	76,744	62,073	57,939	4 31,490	4 34,785	4 30,046	4 38,752	4 44,889	4 40,688
Washington.....	25,636	21,666	19,630	8,894	7,093	4,268	9,462	8,774	6,824
Oregon.....	23,102	20,299	17,811	25,692	28,596	25,970	27,666	29,253	26,570
California.....	29,744	33,933	26,264	6,725	4,035	4,117	14,110	12,822	10,320
Pacific.....	78,482	75,898	63,705	41,311	39,724	34,355	51,238	50,849	43,714
United States.....	4 1,492,282	4 1,329,094	4 1,210,042	4 832,616	4 932,718	4 850,708	4 1,069,193	4 1,182,946	4 1,094,425

See footnotes at end of table.

TABLE 545.—*Dairy products: Factory production of specified items, by States, average 1942-46, annual 1947 and 1948—Continued*

State and division	Evaporated whole milk (case goods)			Nonfat dry milk solids (total) <sup>2</sup>			Total ice cream		
	Average 1942-46	1947	1948 <sup>1</sup>	Average 1942-46	1947	1948 <sup>1</sup>	Average 1942-46	1947	1948 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pound	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....							3,163	3,855	3,065
New Hampshire.....							1,274	1,442	1,665
Vermont.....				7,857			1,258	1,683	1,348
Massachusetts.....							18,788	22,572	19,694
Rhode Island.....							4,419	5,012	4,208
Connecticut.....							5,875	7,649	7,265
New England.....				48,909	48,229	47,979	34,777	42,213	37,245
New York.....	108,653	39,734	70,987	51,382	55,122	50,456	48,365	64,081	59,758
New Jersey.....							10,091	12,168	10,590
Pennsylvania.....	45,636	41,499	52,508	12,236	9,884	8,483	56,678	72,558	65,329
Middle Atlantic.....	154,288	81,233	123,495	46,631	65,006	58,939	115,134	148,807	135,677
Ohio.....	379,861	335,806	332,965	20,656	25,684	29,660	31,286	38,400	34,630
Indiana.....	113,127	115,478	127,107	20,289	24,354	27,086	14,454	19,592	18,871
Illinois.....	206,746	178,286	188,196	5,063	7,404	7,570	28,543	39,736	36,475
Michigan.....	193,068	188,303	180,267	33,679	37,373	35,384	22,500	27,815	26,232
Wisconsin.....	1,002,031	865,407	875,123	182,860	192,852	204,866	13,126	17,839	16,639
E. N. Central.....	1,894,833	1,683,280	1,709,658	262,527	287,667	304,566	109,909	143,382	132,847
Minnesota.....			33,820	128,870	167,364	165,431	11,217	16,389	14,711
Iowa.....	40,019	43,704	41,844	6,562	10,683	10,008	10,019	14,044	12,109
Missouri.....	171,618	177,953	208,026	21,428	29,800	30,593	14,548	18,929	16,368
North Dakota.....				466			1,716	2,677	2,324
South Dakota.....							2,072	2,994	2,647
Nebraska.....				3,580		3,464	5,066	7,132	6,607
Kansas.....	54,285	63,315	64,829	5,348	7,174		6,598	7,170	6,746
W. N. Central.....	4302,620	4338,407	348,519	4166,371	4220,331	4216,918	50,036	69,335	61,512
Dist. of Columbia.....							7,526	7,495	6,531
Delaware.....							2,056	2,360	2,098
Maryland.....				2,087		4,306	8,748	9,844	8,529
Virginia.....				733		2,717	9,791	11,044	10,296
West Virginia.....							5,132	7,128	6,290
North Carolina.....							10,753	13,518	14,260
South Carolina.....							3,177	2,971	2,602
Georgia.....							6,067	6,745	6,545
Florida.....							8,439	9,730	9,080
South Atlantic.....	4115,747	4151,634	4166,560	4336,8	4554,1	4759,0	61,689	70,835	66,231
Kentucky.....	120,357	166,101	183,824	1,762	1,971	2,258	4,087	4,712	4,550
Tennessee.....	97,210	124,704	136,198				9,846	13,177	13,242
Alabama.....				310	259		6,742	7,070	6,843
Mississippi.....	39,714	41,480	44,593	1,780	2,180	1,920	3,595	3,976	3,832
Arkansas.....				6			2,639	2,905	2,952
Louisiana.....							5,833	7,144	6,617
Oklahoma.....				2,008	2,095	2,385	6,027	7,834	6,736
Texas.....	35,989	37,575	28,957	1,793	824	416	23,849	26,477	24,157
South Central.....	4309,168	4399,123	4428,108	493,302	4985,6	4912,2	62,618	73,295	68,929
Montana.....							1,811	2,726	2,721
Idaho.....				30,011	31,038	30,868	1,590	2,336	2,058
Wyoming.....							638	800	760
Colorado.....							4,618	5,831	5,272
New Mexico.....							1,984	1,264	1,094
Arizona.....							1,576	1,831	1,918
Utah.....	74,335	69,257	70,885	5,972		4,534	2,564	3,187	2,714
Nevada.....							459	638	704
Mountain.....	4148,814	4164,592	4172,994	437,192	436,910	436,955	14,240	18,613	17,241
Washington.....	110,074	75,373	92,182	12,797	11,526	9,321	8,550	9,572	7,823
Oregon.....	37,257	27,072		7,779	9,631	5,533	4,994	6,678	6,000
California.....	293,378	287,313	324,007	45,523	45,393	37,754	38,037	48,036	40,039
Pacific.....	440,709	389,758	4433,559	66,099	66,550	52,608	51,581	64,286	53,862
United States.....	43366,179	43208,027	43382,893	4617,399	4700,090	4694,677	499,984	630,766	573,544

<sup>1</sup> Preliminary.  
for animal feed.  
shown separately.

<sup>2</sup> Excludes cottage and full skim American cheese.  
<sup>3</sup> Includes data for individual States which have less than 8 plants and are not shown separately.

<sup>4</sup> Includes dry skim milk  
Bureau of Agricultural Economics.

TABLE 546.—*Casein, dry: Production and imports, United States, 1940-49*

Year	Production	Imports for consumption	Total	Year	Production	Imports for consumption	Total
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
1940.....	46,616	24,523	71,139	1945.....	12,333	51,610	63,943
1941.....	47,346	41,518	88,864	1946.....	18,319	45,346	63,665
1942.....	42,268	16,819	59,087	1947.....	35,831	20,887	56,718
1943.....	18,386	28,052	46,438	1948.....	<sup>1</sup> 14,372	40,585	54,957
1944.....	15,264	47,225	62,489	1949.....	<sup>2</sup> 20,265	33,061	53,326

<sup>1</sup> Preliminary. <sup>2</sup> Estimated.

Bureau of Agricultural Economics. Imports compiled from records of Bureau of Foreign and Domestic Commerce and Bureau of the Census. Data for 1932-39 in *Agricultural Statistics, 1948*, table 537.

TABLE 547.—*Dairy products: Cold-storage holdings, United States, as of the calendar year high and low, 1940-49*

Calendar year	Creamery butter		Cheese		Fluid cream <sup>1</sup>		Plastic cream <sup>1</sup>	
	High (Sept. 1)	Low (Apr. 1)	High (Sept. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (Sept. 1)	Low (Apr. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	134,266	8,875	<sup>2</sup> 150,211	75,410				
1941.....	<sup>2</sup> 202,957	8,983	<sup>3</sup> 189,002	<sup>4</sup> 108,335				
1942.....	152,198	<sup>5</sup> 37,228	<sup>5</sup> 296,763	<sup>3</sup> 153,806				
1943.....	<sup>2</sup> 232,497	<sup>6</sup> 12,327	<sup>7</sup> 223,697	77,615				
1944.....	<sup>5</sup> 154,577	<sup>6</sup> 69,276	<sup>5</sup> 223,254	150,198				
1945.....	206,501	29,833	229,310	106,965	48,605	<sup>6</sup> 7,111	<sup>9</sup> 9,652	<sup>3</sup> 2,769
1946.....	84,980	<sup>4</sup> 14,052	160,272	<sup>4</sup> 84,845	91,822	<sup>6</sup> 6,441	24,163	<sup>10</sup> 2,275
1947.....	88,364	7,818	202,597	93,427	58,832	9,021	<sup>8</sup> 13,101	3,653
1948.....	97,624	3,482	217,819	103,350	<sup>11</sup> 60,942	4,385	10,211	1,218
1949.....	<sup>2</sup> 154,455	6,318	<sup>2</sup> 213,433	120,563	<sup>8</sup> 30,317	8,152	<sup>8</sup> 4,488	1,061

<sup>1</sup> Data not collected prior to July 1944.<sup>5</sup> Aug. 1.<sup>9</sup> July 1.<sup>2</sup> Oct. 1.<sup>6</sup> Mar. 1.<sup>10</sup> Feb. 1.<sup>3</sup> Dec. 1.<sup>7</sup> Nov. 1.<sup>11</sup> Sept. 1.<sup>4</sup> May 1.<sup>8</sup> Jan. 1.

Production and Marketing Administration.

TABLE 548.—*Dairy products: Manufacturers' stocks as of the calendar year high and low point, 1940-49*

Calendar year	Evaporated milk		Condensed milk		Dry whole milk		Nonfat dry milk solids (human food)	
	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (July 1)	Low (Dec. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1940.....	<sup>1</sup> 330,545	<sup>2</sup> 150,458	10,454	3,938	6,884	<sup>3</sup> 3,107	<sup>4</sup> 38,327	<sup>8</sup> 8,900
1941.....	<sup>6</sup> 417,643	<sup>5</sup> 126,160	11,906	<sup>7</sup> 7,228	<sup>4</sup> 7,200	<sup>5</sup> 3,432	30,549	16,795
1942.....	<sup>7</sup> 331,571	<sup>6</sup> 90,678	<sup>5</sup> 12,024	<sup>8</sup> 2,445	<sup>5</sup> 9,813	<sup>6</sup> 6,389	55,405	16,322
1943.....	400,397	<sup>7</sup> 77,807	10,949	<sup>2</sup> 4,230	<sup>5</sup> 16,588	<sup>7</sup> 7,368	<sup>10</sup> 57,833	21,839
1944.....	321,083	<sup>2</sup> 147,285	<sup>7</sup> 15,023	<sup>6</sup> 6,134	<sup>7</sup> 23,476	<sup>7</sup> 7,816	<sup>10</sup> 76,219	<sup>5</sup> 22,343
1945.....	<sup>7</sup> 209,952	<sup>8</sup> 89,845	14,310	<sup>2</sup> 6,559	<sup>7</sup> 23,019	<sup>6</sup> 12,020	87,052	13,731
1946.....	229,279	<sup>2</sup> 46,261	12,547	4,415	<sup>7</sup> 26,408	<sup>11</sup> 9,218	85,978	<sup>11</sup> 12,860
1947.....	<sup>8</sup> 501,177	<sup>2</sup> 117,497	<sup>6</sup> 11,422	<sup>2</sup> 4,346	<sup>7</sup> 24,567	<sup>6</sup> 15,364	111,155	20,537
1948.....	<sup>8</sup> 622,624	65,117	15,645	8,722	<sup>8</sup> 30,713	<sup>11</sup> 12,173	<sup>9</sup> 97,976	<sup>5</sup> 14,871
1949.....	<sup>1</sup> 484,246	177,077	<sup>6</sup> 12,576	<sup>6</sup> 5,695	19,069	<sup>8</sup> 14,124	<sup>7</sup> 105,446	<sup>8</sup> 44,375

<sup>1</sup> Oct. 1.<sup>2</sup> Mar. 1.<sup>3</sup> May 1.<sup>4</sup> Sept. 1.<sup>5</sup> Jan. 1.<sup>6</sup> Dec. 1.<sup>7</sup> July 1.<sup>8</sup> Nov. 1.<sup>9</sup> June 1.<sup>10</sup> Aug. 1.<sup>11</sup> Feb. 1.

Bureau of Agricultural Economics.

TABLE 549.—*Dairy products: Jan. 1 stocks (Government and commercial), United States, 1930-50*

Year	Butter	Cheese <sup>1</sup>	Evapo- rated milk <sup>2,3</sup>	Con- densed milk <sup>2,4</sup>	Dry whole milk <sup>2</sup>	Nonfat dry milk solids for human con- sump- tion <sup>2</sup>	Cream (milk equiva- lent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds ( <sup>5</sup> )
1930.....	81,935	86,075	211,954	25,462	2,905	16,506	
1931.....	63,401	83,288	202,070	17,803	3,799	22,412	194
1932.....	26,643	78,318	132,011	12,506	2,352	13,784	54
1933.....	22,043	68,714	100,092	12,234	2,768	8,873	152
1934.....	111,249	91,970	210,407	9,137	3,028	15,696	156
1935.....	47,175	102,197	156,793	10,516	2,101	18,691	55
1936.....	40,117	99,572	72,916	8,829	3,028	5,942	89
1937.....	61,234	110,400	258,904	9,071	3,930	22,224	135
1938.....	42,953	103,935	181,686	6,229	2,544	20,696	23
1939.....	128,770	120,174	205,073	7,139	3,673	27,624	174
1940.....	55,462	109,037	186,081	5,627	4,129	8,900	85
1941.....	41,497	129,536	187,652	8,047	4,632	26,433	95
1942.....	114,436	201,613	400,075	12,024	6,389	18,565	228
1943.....	24,979	131,398	822,172	5,469	7,418	98,002	110
1944.....	154,577	175,507	397,630	20,850	13,814	69,648	321
1945.....	60,767	144,553	209,297	50,977	24,035	133,607	172
1946.....	53,127	127,011	216,423	31,492	42,359	94,631	130
1947.....	27,874	123,592	155,656	7,211	22,599	62,668	613
1948.....	23,672	147,683	158,551	9,362	14,726	25,539	258
1949.....	33,615	148,100	426,029	12,576	18,491	61,071	393
1950 <sup>6</sup> .....	113,993	188,653	243,491	7,386	11,108	229,000	137

<sup>1</sup> Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.<sup>2</sup> Data for 1946 and following years not always comparable with data for years prior to 1946 due to inclusion of Government stocks at additional stages of distribution.<sup>3</sup> Case goods.<sup>4</sup> Sweetened condensed milk, unskimmed, case goods. <sup>5</sup> Data not available.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics; compiled partly from Production and Marketing Administration data.

TABLE 550.—*Dairy products: Manufacturers' average selling price of specified products, United States, 1940-49*

Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f. o. b. factory	Sweetened condensed milk, per case of 48 14-ounce cans, f. o. b. factory	Nonfat dry milk solids for human food, per pound, f. o. b. factory	Dry skim milk for animal feed, per pound, f. o. b. factory	Dry whole milk, per pound, f. o. b. factory <sup>4</sup>	Casein, ground, per pound, New York City <sup>1</sup>
	Dollars	Dollars	Cents	Cents	Cents	Cents
1940.....	2.87	4.80	6.87	4.58	16.04	12.6
1941.....	3.33	5.15	9.00	6.17	19.86	21.4
1942.....	3.62	5.71	12.94	8.10	26.00	20.6
1943.....	4.15	5.84	13.81	8.74	32.76	22.4
1944.....	4.15	6.20	14.26	8.62	36.48	24.4
1945.....	4.15	6.33	14.06	8.39	37.62	24.0
1946.....	4.90	7.00	14.51	9.62	39.60	( <sup>2</sup> )
1947.....	5.43	8.36	10.86	7.85	41.41	( <sup>2</sup> )
1948.....	6.24	9.58	15.10	11.05	47.31	( <sup>2</sup> )
1949.....	5.23	9.17	11.95	8.70	40.25	<sup>3</sup> 22.5

<sup>1</sup> 1942-45 casein prices are averages of weekly figures compiled by the Production and Marketing Administration. Previous years' figures are prices of 20-30 mesh casein compiled from the Oil, Paint and Drug Reporter, New York, for which the 1942 average was 20.9 cents.<sup>2</sup> Not available.<sup>3</sup> Includes entire range of prices for standard and premium grades.<sup>4</sup> Includes milk sold in bulk and in package.

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TABLE 551.—*Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1929-49*<sup>1</sup>

Year	Total milk <sup>2</sup>			Fluid milk and cream <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>			Dry whole milk		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1929.....	102,039	98,457	803.1	43,084	43,084	351.4	1,782	1,657	13.5	15	12	0.10
1930.....	104,122	100,647	813.0	43,273	43,273	349.5	1,779	1,672	13.5	15	11	.09
1931.....	107,448	104,010	833.4	43,316	43,316	347.1	1,759	1,666	13.3	15	8	.06
1932.....	107,453	104,257	830.1	44,069	44,069	350.9	1,814	1,746	13.9	11	9	.07
1933.....	105,806	102,637	812.6	44,065	44,065	348.9	1,793	1,737	13.7	13	11	.09
1934.....	106,222	103,212	812.1	42,287	42,287	332.7	1,959	1,894	14.9	17	15	.12
1935.....	105,318	102,299	799.2	42,974	42,974	335.7	2,119	2,057	16.1	20	17	.13
1936.....	105,123	102,070	791.9	43,925	43,925	340.8	2,087	2,036	15.8	21	18	.14
1937.....	106,157	103,115	795.6	44,253	44,253	341.5	2,213	2,154	16.6	17	14	.11
1938.....	107,230	104,006	795.8	44,358	44,358	339.4	2,299	2,241	17.1	20	15	.11
1939.....	111,857	108,469	823.6	45,223	45,223	343.4	2,388	2,327	17.7	24	17	.13
1940.....	112,711	108,978	820.6	45,582	45,582	343.2	2,727	2,551	19.2	28	19	.14
1941 <sup>5</sup> .....	115,566	107,169	808.2	46,883	46,639	351.7	3,329	2,439	18.4	45	21	.16
1942 <sup>5</sup> .....	123,832	111,049	839.4	49,506	49,068	370.9	3,305	2,429	18.3	61	26	.20
1943 <sup>5</sup> .....	118,197	98,775	762.2	52,615	51,087	394.2	3,752	2,429	18.8	125	50	.39
1944 <sup>5</sup> .....	124,933	100,071	774.5	54,685	53,038	410.5	3,899	2,012	15.6	170	44	.34
1945 <sup>5</sup> .....	123,045	104,310	803.6	57,671	56,071	432.0	3,910	2,360	18.2	178	48	.37
1946 <sup>5</sup> .....	124,647	113,194	812.6	59,318	58,943	423.1	3,734	2,577	18.5	232	71	.51
1947 <sup>5</sup> .....	121,939	112,898	786.8	57,295	57,045	397.5	3,624	2,905	20.2	174	65	.45
1948 <sup>5</sup> .....	117,807	109,702	750.4	56,814	56,564	386.9	3,507	2,950	20.2	166	42	.29
1949 <sup>5</sup> .....	120,246	112,912	759.8	57,480	57,180	384.8	3,343	2,955	19.9	137	41	.28



**TABLE 551.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1929-49<sup>1</sup>**  
—Continued

Year	Butter <sup>7</sup>			Cheese <sup>8</sup>			Ice cream <sup>9</sup> (product weight)			Nonfat dry milk solids for human consumption		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita
<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	
1929.....	2,125	2,114	17.2	565	560	4.6	1,221	1,221	10.0	135	133	1.1
1930.....	2,142	2,133	17.2	571	567	4.6	1,132	1,132	9.1	164	161	1.3
1931.....	2,250	2,243	18.0	559	555	4.4	979	979	7.8	178	172	1.4
1932.....	2,282	2,275	18.1	549	546	4.3	727	727	5.8	181	179	1.4
1933.....	2,255	2,249	17.8	568	565	4.5	700	700	5.5	180	179	1.4
1934.....	2,318	2,312	18.2	617	613	4.8	844	844	6.6	189	188	1.5
1935.....	2,201	2,194	17.1	672	668	5.2	937	937	7.3	201	200	1.6
1936.....	2,120	2,114	16.4	692	688	5.3	1,145	1,145	8.9	228	226	1.8
1937.....	2,125	2,119	16.4	716	712	5.5	1,320	1,320	10.2	247	244	1.9
1938.....	2,156	2,148	16.4	763	759	5.8	1,325	1,325	10.1	282	275	2.1
1939.....	2,285	2,276	17.3	779	775	5.9	1,431	1,431	10.9	288	285	2.2
1940.....	2,255	2,244	16.9	797	791	6.0	1,495	1,495	11.3	305	295	2.2
1941 <sup>6</sup> .....	2,199	2,116	16.0	891	780	5.9	1,834	1,787	13.5	370	325	2.5
1942 <sup>6</sup> .....	2,239	2,092	15.8	1,212	843	6.4	2,181	2,091	15.8	489	335	2.5
1943 <sup>6</sup> .....	1,885	1,525	11.8	936	637	4.9	1,935	1,583	12.2	539	273	2.1
1944 <sup>6</sup> .....	1,950	1,532	11.9	1,137	624	4.8	1,999	1,619	12.5	518	193	1.5
1945 <sup>6</sup> .....	1,692	1,415	10.9	1,082	861	6.6	2,144	1,704	13.1	689	248	1.9
1946 <sup>6</sup> .....	1,530	1,459	10.5	1,150	930	6.7	3,283	3,133	22.5	678	451	3.2
1947 <sup>6</sup> .....	1,650	1,605	11.2	1,175	989	6.9	2,902	2,782	19.4	710	417	2.9
1948 <sup>6</sup> .....	1,499	1,455	10.0	1,117	995	6.8	2,638	2,518	17.2	655	485	3.3
1949 <sup>6</sup> .....	1,591	1,553	10.5	1,182	1,069	7.2	2,547	2,427	16.3	755	468	3.1

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter.

<sup>2</sup> On fat solids basis. Total milk includes off-farm production of milk and milk fed to calves. Milk fed to calves and milk produced off farms are usually of approximately equal volume.

<sup>3</sup> Fluid milk equivalent.

<sup>4</sup> The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed) unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> The total apparent civilian consumption for the years 1941-49 was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was ob-

tained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, and for members of the armed forces not eating out of civilian food supplies.

<sup>6</sup> Preliminary.

<sup>7</sup> Includes both farm and factory-made butter.

<sup>8</sup> Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.

<sup>9</sup> Production of ice cream prior to 1937 is not strictly comparable with that of following years because of the inclusion of production of small retailers and counter freezers since 1937.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1944, table 459.

TABLE 552.—*Butter: Receipts at 6 markets, by origin, 1948 and 1949*<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Vermont		321					6					
Massachusetts	8	23					492	1,550				
Rhode Island							28	13				
Connecticut					9							
New York	4,024	11,970	30		1,386	1,062	1,499	2,740	181		84	
New Jersey		165				41		54				
Pennsylvania	811	1,904	2	65	36	229	15	126				
Ohio	1,568	4,854	330	529	1,657	978	694	825			31	
Indiana	1,501	1,114	2,291	8,650	192	1,037	490	444				
Illinois	8,654	6,022	16,453	21,597	3,919	4,658	11,510	6,970	1,417	217	1,349	
Michigan	3,507	4,698	978	2,857			1,073	1,723		30		300
Wisconsin	6,055	6,749	21,780	60,283	422	2,453	1,788	3,730	625	846	1,479	719
Minnesota	40,830	41,445	25,267	23,547	23,818	20,178	10,613	5,395	2,014	2,256	2,529	4,746
Iowa	66,454	49,752	29,967	26,358	8,475	8,355	8,535	8,266	1,022	385	2,886	324
Missouri	7,627	6,135	6,683	6,591	1,409	1,196	2,104	2,023	1,550	1,798	987	3,960
North Dakota	4,696	2,153	1,190	1,525	457	1,280	245	198	1,186	803	954	588
South Dakota	522	568	5,518	5,559	83	65	54	482	141	54		46
Nebraska	13,549	10,076	10,192	7,347	4,126	3,534	1,780	3,120	1,675	894	730	360
Kansas	5,768	6,349	7,695	5,602			332	40	460	1,194	893	1,614
Maryland		28	8	11	3	19		190				
Virginia	601	1,048			40	3	33					
West Virginia								45				
Georgia	40											
North Carolina	59	375				148						
South Carolina	17	34										
Kentucky	423	157	805	1,127	11		602	129	30			
Tennessee	784	54	158	306	32		102		103		31	
Mississippi	137	31	32	4					70		67	
Arkansas	43		565	335				34	694	532	405	37
Louisiana							17					
Oklahoma	369		10,126	6,149	14			80	432	665	637	499
Texas	49	151	220	142			28		122	28	49	47
Montana									27			
Idaho		75							2,562	2,363	12,413	12,412
Wyoming			11						49			7
Colorado	2	8	25						220	232	954	1,166
Arizona							8					1
New Mexico			22									29
Utah	41	44							331	141	511	532
Nevada									60	36		
Washington							63		464	191	128	318
Oregon									1,672	726	562	661
California	50						36		10,893	14,370	3,723	5,052
Canada							50					
Total	168,189	156,303	140,326	178,606	46,089	45,236	42,189	38,185	27,951	27,810	31,402	33,408

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 553.—*Butter futures: Volume of trading and annual average of month-end open contracts on all contract markets,<sup>1</sup> and highest and lowest prices per pound on the Chicago Mercantile Exchange, 1940-49*

Year	Volume of trading	Average of open contracts	Chicago Mercantile Exchange price <sup>2</sup>		Year	Volume of trading	Average of open contracts	Chicago Mercantile Exchange price <sup>2</sup>	
			Highest	Lowest				Highest	Lowest
	Carlots <sup>3</sup>	Carlots <sup>3</sup>	Cents	Cents		Carlots <sup>3</sup>	Carlots <sup>3</sup>	Cents	Cents
1940	16,336	844	34.50	25.80	1945	25	4	45.75	45.60
1941	31,125	1,754	38.25	27.35	1946	69	9	75.00	54.00
1942	14,803	781	45.50	32.25	1947	17,378	603	78.75	53.50
1943	33	0	45.50	45.50	1948	22,264	880	82.50	57.80
1944	0	0			1949	5,445	260	63.75	55.10

<sup>1</sup> Chicago Mercantile Exchange and New York Mercantile Exchange.<sup>2</sup> Standard contract storage.<sup>3</sup> Averaging 19,200 pounds.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Mercantile Exchange.

TABLE 554.—*Butter: Receipts at 6 markets, by rail and truck, 1940-49*<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	217,171	40,017	257,188	115,393	137,254	252,647	72,810	4,393	77,203
1941.....	212,601	39,521	252,122	127,665	148,770	276,435	69,858	4,073	73,931
1942.....	177,954	41,703	219,657	112,900	134,114	247,014	68,743	5,333	74,076
1943.....	173,178	25,796	198,974	72,788	95,414	168,202	59,569	1,042	60,611
1944.....	185,136	14,696	199,832	59,092	88,212	147,304	57,495	1,384	58,879
1945.....	197,502	14,201	211,703	54,432	87,315	141,747	53,406	786	54,192
1946.....	146,091	9,337	155,428	32,012	65,636	97,648	41,270	1,336	42,606
1947.....	160,486	21,777	182,263	44,296	102,898	147,194	48,947	3,389	52,336
1948.....	132,332	35,857	168,189	27,028	113,298	140,326	39,327	6,762	46,089
1949.....	95,949	60,354	156,303	40,846	137,760	178,606	34,354	10,882	45,236
	Boston			San Francisco			Los Angeles		
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	74,858	5,695	80,553	9,697	27,263	36,960	20,730	34,283	55,013
1941.....	73,104	6,027	79,131	11,575	26,280	37,855	28,171	26,101	54,272
1942.....	69,480	5,837	75,317	21,056	22,989	44,045	26,425	8,763	35,188
1943.....	55,951	3,038	58,989	35,580	14,790	50,370	30,546	13,690	44,236
1944.....	58,482	2,243	60,725	37,079	12,944	50,023	26,425	8,763	35,188
1945.....	41,482	1,844	43,326	36,680	10,513	47,193	34,798	6,300	41,098
1946.....	30,871	2,048	32,919	17,002	4,777	21,779	20,979	1,205	22,184
1947.....	43,744	1,846	45,590	12,143	17,321	29,464	16,913	15,006	31,919
1948.....	38,943	3,246	42,189	12,206	15,745	27,951	14,103	17,299	31,402
1949.....	31,915	6,270	38,185	6,950	20,860	27,810	11,314	22,094	33,408

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 555.—*Butter, creamery: Average wholesale price per pound at 4 markets, 1940-49*

Year	New York		Chicago		Philadelphia		San Francisco	
	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1940.....	29.5	28.9	28.7	28.2	29.9	29.0	30.5	29.1
1941.....	34.3	33.4	33.8	32.8	34.8	33.4	35.9	34.1
1942.....	40.1	39.3	39.5	38.8	40.5	39.5	42.3	40.7
1943 <sup>2</sup> .....	44.7	(1)	44.0	43.2	45.4	(1)	44.7	44.4
1944 <sup>2</sup> .....	42.3	(1)	41.5	41.3	(1)	(1)	(1)	(1)
1945 <sup>2</sup> .....	42.9	(1)	42.3	42.0	43.0	(1)	(1)	(1)
1946.....	62.8	61.8	61.9	61.0	63.0	(1)	63.2	61.1
1947.....	71.3	68.4	70.6	68.5	72.1	(1)	73.8	69.0
1948.....	75.8	73.8	75.2	73.3	77.1	(4)	79.7	75.3
1949.....	61.5	60.0	61.1	59.8	62.9	(5)	63.7	61.3

<sup>1</sup> No prices available.<sup>2</sup> Prices of butter shown reflect actual wholesale trading and include the wholesale mark-up permitted under OPA MPR-289, as amended.<sup>3</sup> Average for 11 months.<sup>4</sup> Averages not available for first 4 months of year.<sup>5</sup> Not computed on account of insufficient monthly average price data.

Production and Marketing Administration.

TABLE 556.—*Butter and cheese: Volume graded by Federal and Federal-State graders, and butter graded for packaging with grade labels, 1930-49*

Year	Butter		Cheese	Year	Butter		Cheese
	Total graded	Graded for packing with grade labels <sup>1</sup>			Total graded	Graded for packing with grade labels <sup>1</sup>	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1930.....	163,360,365	28,869,051	395,529	1940.....	253,856,959	88,688,499	10,915,691
1931.....	188,545,508	40,034,307	635,890	1941.....	298,133,367	83,260,038	167,437,051
1932.....	187,680,457	46,505,011	1,523,943	1942.....	367,708,678	86,436,372	310,277,910
1933.....	269,310,674	46,520,397	1,568,158	1943.....	491,271,672	60,524,522	300,005,649
1934.....	280,806,031	47,317,445	3,522,572	1944.....	301,138,984	42,056,944	208,965,380
1935.....	214,568,160	46,965,080	2,292,537	1945.....	268,569,271	52,213,854	285,559,974
1936.....	250,289,731	61,888,639	3,919,045	1946.....	91,181,106	18,639,635	94,672,532
1937.....	272,931,309	82,096,875	3,324,635	1947.....	220,153,596	56,409,264	167,862,318
1938.....	320,456,549	85,150,410	8,176,652	1948.....	259,727,678	57,584,605	135,612,280
1939.....	271,339,116	87,226,898	6,514,528	1949.....	520,909,300	80,646,447	196,772,237

<sup>1</sup> These quantities are also included in total graded butter.

Production and Marketing Administration.

TABLE 557.—*Cheese: Receipts at 6 markets, by rail and truck, 1940-49<sup>1</sup>*

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	71,472	3,411	74,883	10,249	20,305	30,554	25,422	<sup>2</sup> 20	25,442
1941.....	89,359	1,694	91,053	11,844	22,592	34,436	30,829	-----	30,829
1942.....	95,828	3,722	99,550	40,129	23,023	63,152	34,521	357	34,878
1943.....	95,550	2,085	97,635	31,676	12,331	44,007	24,769	413	25,182
1944.....	109,701	1,681	111,382	35,483	12,925	48,408	26,360	512	26,872
1945.....	127,161	1,174	128,335	29,175	14,662	43,797	32,505	730	33,235
1946.....	146,743	460	147,203	17,160	14,723	31,873	44,088	1,494	45,582
1947.....	124,727	1,909	126,636	19,133	10,718	29,851	44,069	3,466	47,535
1948.....	100,151	2,677	102,828	10,372	16,204	26,576	40,994	3,167	44,161
1949.....	89,591	2,610	92,201	16,203	16,790	32,993	35,013	4,101	39,114
	Boston			San Francisco			Los Angeles		
1940.....	12,350	1,936	14,286	6,447	11,685	18,132	-----	-----	18,313
1941.....	13,929	1,747	15,676	7,403	10,284	17,687	<sup>1</sup> 11,395	<sup>2</sup> 6,485	17,880
1942.....	14,314	2,171	16,485	10,276	11,428	21,704	14,060	7,273	21,333
1943.....	14,271	680	14,951	16,468	5,689	22,157	7,739	7,371	15,110
1944.....	13,744	1,119	14,863	11,807	3,852	15,659	11,404	3,798	15,202
1945.....	13,148	597	13,745	11,420	4,572	16,992	14,505	3,780	18,285
1946.....	25,512	292	25,804	12,030	5,429	17,459	18,668	4,916	23,584
1947.....	23,497	852	24,349	12,268	7,549	19,817	19,168	4,337	23,495
1948.....	22,648	272	22,920	11,726	7,430	19,156	19,719	2,180	21,899
1949.....	23,478	889	24,367	11,278	5,896	17,174	23,463	4,740	28,193

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 558.—*Cheese: Receipts at 6 markets, by origin, 1948 and 1949*<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine.....							39	32				
New Hampshire.....							2					
Vermont.....	59		87				71	1				
Massachusetts.....	121		5				213	746			37	47
Connecticut.....	4											
New York.....	3,241	2,946	777	758	387	906	417	861	228	164	169	197
New Jersey.....			48	55	196	78	14	25	22	73	84	38
Pennsylvania.....	346	143			3,064	3,073	483	615				
Ohio.....	920	660	2,191	1,859	2,275	1,758	1,154	1,528	56	54	88	31
Indiana.....	1,972	1,450	536	736	301	405	135	680		29	27	
Illinois.....	16,964	15,725	7,121	6,727	3,818	4,372	2,778	3,292	2,203	1,165	1,798	2,310
Michigan.....	188	69	130	584	41	85	95	27		61		36
Wisconsin.....	69,971	64,142	13,267	20,117	32,376	26,904	15,729	15,101	5,203	5,000	8,669	8,236
Minnesota.....	3,094	2,958	1,273	833	1,020	1,025	1,614	1,098	272	637	653	1,216
Iowa.....	1,027	424	350	341	186	64	67	86	233	103	449	100
Missouri.....	690	155	255	325	162		107	146	561	972	1,405	2,401
North Dakota.....											60	29
South Dakota.....	23										27	
Nebraska.....		17			31	26	2	8				
Kansas.....		54	159	39	82				82		171	153
Maryland.....		66										40
West Virginia.....	158	34										
North Carolina.....	50											
Georgia.....	95											
Kentucky.....	45	57	1	277		42		5				
Tennessee.....	845	420	190	216	80	45		68	57	15	86	66
Alabama.....				13		190						
Mississippi.....	30										41	
Arkansas.....	147				44							
Louisiana.....		1									115	
Oklahoma.....	40		26							19	257	138
Texas.....					57				296		533	7
Montana.....									67		62	
Idaho.....	23	192							3,594	4,062	3,182	7,046
Colorado.....	637	95	150	51			24	22	206		39	123
Utah.....	1,930	2,493			41	24		288	74	88	894	
Washington.....			9	36			24	84	232	154	593	
Oregon.....			24					2,725	1,482	2,596	3,494	
California.....	40	16	3					3,125	2,826	1,109	998	
Canada.....	37	84				117		38				
Switzerland.....	131											
Total.....	102,828	92,201	26,576	32,993	44,161	39,114	22,920	24,367	19,156	17,174	21,899	28,193

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 559.—*Cheese, American: Average wholesale price per pound, Wisconsin Cheese Exchange, and New York, Chicago, and San Francisco, 1940-49*

Location and type of cheese	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Wisconsin Cheese Exchange: Twins or cheddars.....	14.3	19.4	21.6	23.3	23.3	23.3	(1)	(1)	(1)	(1)
New York: No. 1 fresh single daisies.....	17.0	22.3	25.1	(1)	(1)	(1)	(1)	42.1	47.5	37.1
Chicago: No. 1 fresh single daisies.....	16.2	21.4	24.0	26.0	26.0	26.0	38.4	40.9	45.5	34.8
San Francisco: No. 1 triplets.....	15.8	20.8	23.6	27.0	27.2	27.2	38.8	41.6	46.7	236.9

<sup>1</sup> Not available.<sup>2</sup> Triplets and/or single daisies.

Production and Marketing Administration.

TABLE 560.—*Chickens: Number on farms, and value, United States, Jan. 1, 1930-50*<sup>1</sup>

Year	Number					Value per head	Total value
	Hens	Pullets	Hens and pullets	Other chickens	All chickens		
	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars
1930 <sup>2</sup>					378,878	84.9	\$21,625
1930	167,139	253,312	420,451	48,040	468,491	92.8	434,830
1931	158,214	243,562	401,776	47,967	449,743	70.3	315,968
1932	156,178	229,648	385,826	50,989	436,815	61.5	268,767
1933	154,037	236,706	390,743	53,780	444,523	44.9	199,753
1934	146,997	238,344	385,341	48,596	433,937	42.0	182,424
1935 <sup>3</sup>					371,603	51.6	191,604
1935	138,609	211,798	350,407	39,551	389,958	54.4	212,071
1936	136,187	226,432	362,619	40,827	403,446	75.5	304,725
1937	130,445	249,309	379,754	44,167	423,921	65.6	278,120
1938	137,958	215,006	352,964	36,660	389,624	75.6	294,718
1939	134,331	241,810	376,141	42,450	418,591	70.0	292,852
1940 <sup>2</sup>					337,949	56.0	189,086
1940	139,079	253,576	392,655	45,633	438,288	60.5	265,000
1941	141,430	239,885	381,315	41,526	422,841	65.4	276,460
1942	150,170	277,741	427,911	49,024	476,935	83.3	397,509
1943	170,337	318,622	488,959	53,088	542,047	104.0	563,986
1944	174,000	349,587	523,587	58,610	582,197	118.0	685,901
1945 <sup>3</sup>					433,111	123.0	531,860
1945	172,426	301,454	473,880	42,617	516,497	121.0	626,259
1946	149,524	324,709	474,233	55,970	530,203	127.0	670,973
1947	150,392	285,273	435,665	38,776	474,441	144.0	682,486
1948	141,133	285,332	426,465	35,085	461,550	144.0	665,227
1949	144,770	268,227	412,997	35,679	448,676	166.0	745,929
1950 <sup>4</sup>	142,184	299,984	442,168	39,022	481,190	136.0	655,210

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> United States census as of Apr. 1.<sup>3</sup> United States census as of Jan. 1.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 645.

TABLE 561.—*Chickens: Hens, pullets, and other chickens on farms, by States, Jan. 1, average 1939-48, annual 1949 and 1950*

State and division	Hens			Pullets			Other chickens		
	Average 1939-48	1949	1950	Average 1939-48	1949	1950	Average 1939-48	1949	1950
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	751	786	959	1,552	1,765	1,942	124	100	105
New Hampshire.....	534	593	729	1,613	1,663	1,796	171	134	139
Vermont.....	274	238	252	719	690	787	47	34	37
Massachusetts.....	860	896	1,004	3,928	3,780	4,007	228	162	186
Rhode Island.....	119	120	137	407	407	444	34	22	23
Connecticut.....	865	1,011	1,163	2,227	2,082	2,207	205	134	141
New York.....	5,061	4,921	5,265	9,852	10,107	11,522	856	810	972
New Jersey.....	2,592	3,100	3,503	5,498	7,386	8,494	1,330	1,169	1,204
Pennsylvania.....	6,843	7,023	7,234	13,408	14,298	16,157	2,488	2,779	3,446
North Atlantic.....	17,899	18,688	20,246	39,205	42,178	47,356	5,483	5,344	6,253
Ohio.....	6,393	5,654	5,654	13,610	11,781	13,077	1,786	974	955
Indiana.....	3,871	4,091	4,091	11,310	11,200	11,872	2,284	2,223	3,646
Illinois.....	6,456	5,666	5,326	15,778	14,799	16,575	2,017	959	1,036
Michigan.....	3,455	2,920	2,978	8,766	7,557	8,993	899	440	647
Wisconsin.....	5,706	6,229	5,419	10,810	10,501	11,761	771	619	774
East North Central.....	25,881	24,560	23,468	60,274	55,838	62,278	7,756	5,215	7,058
Minnesota.....	6,493	8,137	6,347	18,829	18,166	21,436	1,114	583	688
Iowa.....	7,910	6,994	6,015	25,915	23,908	26,777	2,542	1,286	1,466
Missouri.....	7,652	6,598	6,004	15,408	14,467	16,782	2,027	1,423	1,338
North Dakota.....	1,514	1,386	1,192	3,586	2,875	3,421	436	247	259
South Dakota.....	2,369	2,500	2,075	6,247	5,583	6,588	662	352	373
Nebraska.....	3,782	3,394	3,122	10,710	9,434	10,377	1,418	777	808
Kansas.....	5,572	5,123	4,662	10,579	8,816	10,138	1,211	755	868
West North Central.....	35,292	34,132	29,417	91,274	83,249	95,519	9,411	5,443	5,800
Delaware.....	323	295	307	694	639	658	240	141	142
Maryland.....	1,390	1,320	1,333	2,451	2,414	2,511	670	504	524
Virginia.....	3,666	3,253	3,351	5,691	5,577	5,967	860	882	688
West Virginia.....	1,845	1,595	1,659	2,306	2,046	2,332	393	314	323
North Carolina.....	3,915	3,858	4,012	5,608	5,394	5,448	2,268	1,595	1,627
South Carolina.....	1,911	1,713	1,782	2,151	2,120	2,035	1,148	947	947
Georgia.....	3,415	3,138	3,326	4,270	3,836	3,913	1,535	1,399	1,469
Florida.....	1,100	1,033	1,054	1,285	1,324	1,377	638	544	511
South Atlantic.....	17,566	16,205	16,824	24,456	23,350	24,241	7,753	6,326	6,231
Kentucky.....	3,766	3,505	3,400	7,135	7,060	7,342	1,411	1,065	1,054
Tennessee.....	4,471	4,123	4,041	6,153	5,494	5,934	1,329	1,076	1,044
Alabama.....	3,451	3,076	3,168	3,960	3,440	3,646	1,563	1,350	1,364
Mississippi.....	3,657	3,076	3,199	3,588	3,149	3,275	1,262	1,168	1,075
Arkansas.....	3,434	2,698	2,644	4,534	3,501	4,166	1,152	781	1,015
Louisiana.....	1,912	1,494	1,434	2,682	2,426	2,450	1,280	1,080	1,069
Oklahoma.....	4,628	4,089	3,844	7,372	5,520	6,458	1,039	784	800
Texas.....	13,324	11,789	11,553	15,320	11,503	13,228	3,038	2,479	2,603
South Central.....	38,642	33,850	33,283	50,744	42,093	46,499	12,074	9,783	10,024
Montana.....	694	558	580	1,375	1,220	1,342	195	118	132
Idaho.....	614	468	445	1,749	1,529	1,667	153	105	94
Wyoming.....	305	271	285	509	465	484	88	53	62
Colorado.....	1,191	1,070	1,016	2,439	2,060	2,225	313	255	242
New Mexico.....	506	470	470	629	499	579	112	80	80
Arizona.....	284	322	328	347	285	299	90	70	63
Utah.....	1,272	1,309	1,335	1,416	1,609	1,931	186	161	161
Nevada.....	120	113	113	148	152	154	31	34	33
Washington.....	2,497	2,000	2,060	3,286	2,926	3,160	348	353	353
Oregon.....	1,410	1,342	1,396	2,043	1,655	1,854	326	318	334
California.....	8,109	9,412	10,918	7,907	9,119	10,396	1,958	2,021	2,102
Western.....	17,004	17,335	18,946	21,847	21,519	24,091	3,800	3,568	3,656
United States.....	152,282	144,770	142,184	287,799	268,227	299,984	46,278	35,679	39,022

TABLE 562.—*Chickens: Number on farms, value per head, and total value, by States, Jan. 1, average 1939-48, annual 1949 and 1950*<sup>1</sup>

State and division	Number			Value per head			Total value		
	Average 1939-48	1949	1950	Average 1939-48	1949	1950	Average 1939-48	1949	1950
	Thou- sands	Thou- sands	Thou- sands	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,427	2,651	3,006	155	241	202	3,856	6,389	6,072
New Hampshire.....	2,318	2,390	2,664	157	244	205	3,732	5,832	5,461
Vermont.....	1,040	962	1,076	154	242	191	1,634	2,328	2,055
Massachusetts.....	5,016	4,838	5,197	160	246	199	8,253	11,901	10,342
Rhode Island.....	561	549	604	157	235	190	907	1,290	1,148
Connecticut.....	3,296	3,227	3,511	158	233	193	5,356	7,519	6,776
New York.....	15,769	15,838	17,759	145	239	189	23,273	37,853	33,665
New Jersey.....	9,420	11,655	13,201	154	249	204	15,209	29,021	26,930
Pennsylvania.....	22,739	24,100	26,837	130	208	164	30,180	50,128	44,013
North Atlantic.....	62,586	66,210	73,855	144	230	185	92,399	152,261	136,362
Ohio.....	21,788	18,409	19,686	110	181	143	23,917	33,320	28,151
Indiana.....	17,465	17,514	19,609	100	158	123	17,825	27,672	24,119
Illinois.....	24,251	21,424	22,937	100	162	123	24,456	34,707	28,213
Michigan.....	13,120	10,917	12,618	116	191	149	15,178	20,851	18,801
Wisconsin.....	17,286	17,349	17,954	107	170	141	18,835	29,493	26,815
East North Central.....	93,910	85,613	92,804	106	171	134	100,211	146,043	124,599
Minnesota.....	26,436	26,886	28,471	93	162	133	25,877	43,555	37,866
Iowa.....	36,366	32,188	34,258	102	171	137	37,496	55,041	46,933
Missouri.....	25,088	22,488	24,124	91	145	110	23,197	32,608	26,530
North Dakota.....	5,536	4,508	4,872	90	149	118	5,165	6,717	5,749
South Dakota.....	9,278	8,435	9,036	91	144	124	8,754	12,146	11,205
Nebraska.....	15,911	13,605	14,307	89	144	120	14,574	19,591	17,168
Kansas.....	17,362	14,714	15,668	88	142	108	15,477	20,894	16,921
West North Central.....	135,977	122,824	130,736	93.8	155	124	130,540	190,552	162,378
Delaware.....	1,258	1,075	1,107	122	184	144	1,543	1,978	1,594
Maryland.....	4,511	4,238	4,368	116	180	139	5,282	7,628	6,072
Virginia.....	10,217	9,712	10,006	103	160	131	10,721	15,539	13,108
West Virginia.....	4,544	3,955	4,314	98	154	129	4,461	6,091	5,565
North Carolina.....	11,791	10,847	11,087	102	150	135	12,311	16,270	14,967
South Carolina.....	5,211	4,780	4,764	106	159	145	5,654	7,600	6,908
Georgia.....	9,221	8,373	8,708	99	151	136	9,326	12,643	11,843
Florida.....	3,023	2,901	2,942	115	167	149	3,521	4,845	4,384
South Atlantic.....	49,775	45,881	47,296	104	158	136	52,820	72,594	64,441
Kentucky.....	12,311	11,630	11,796	85	134	107	10,608	15,584	12,622
Tennessee.....	11,952	10,693	11,019	85	127	108	10,312	13,580	11,901
Alabama.....	8,975	7,866	8,178	87	134	115	7,943	10,540	9,405
Mississippi.....	8,507	7,393	7,549	85	125	111	7,300	9,241	8,379
Arkansas.....	9,120	6,980	7,825	80	125	105	7,297	8,725	8,216
Louisiana.....	5,874	5,000	4,953	99	155	140	5,858	7,750	6,934
Oklahoma.....	13,039	10,393	11,102	84	131	101	11,087	13,615	11,213
Texas.....	31,682	25,771	27,384	86	126	111	27,717	32,471	30,396
South Central.....	101,460	85,726	89,806	85.6	130	110	88,123	111,506	99,066
Montana.....	2,264	1,896	2,054	102	170	139	2,305	3,223	2,855
Idaho.....	2,517	2,102	2,206	101	160	139	2,540	3,363	3,066
Wyoming.....	901	789	831	95	148	127	858	1,168	1,055
Colorado.....	3,943	3,385	3,483	92	150	124	3,649	5,078	4,319
New Mexico.....	1,247	1,049	1,129	94	154	143	1,207	1,615	1,614
Arizona.....	720	677	690	120	175	154	875	1,185	1,063
Utah.....	2,874	3,079	3,427	98	151	122	2,908	4,649	4,181
Nevada.....	299	299	300	109	173	144	334	517	432
Washington.....	6,131	5,279	5,573	120	191	162	7,253	10,083	9,028
Oregon.....	3,780	3,315	3,584	121	191	157	4,596	6,332	5,627
California.....	17,974	20,552	23,416	120	174	150	22,049	35,760	35,124
Western.....	42,650	42,422	46,693	112	172	146	48,573	72,973	68,364
United States.....	486,359	448,676	481,190	104	166	136	512,665	745,929	655,210

<sup>1</sup> Does not include commercial broilers.

Bureau of Agricultural Economics.



TABLE 563.—*Chickens: Farm production, disposition, cash receipts, and gross income, United States, 1930-49*<sup>1</sup>

Year	Number						Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>5</sup>	Gross income <sup>7</sup>	
	Raised <sup>2</sup>	Loss of mature birds <sup>3</sup>	Pro-duced <sup>4</sup>	Change in inventory <sup>5</sup>		Con- sumed in farm household <sup>6</sup>	Sold	Pro-duced	Con- sumed in farm household <sup>6</sup>						Sold
				Increase	Decrease										
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>	<i>1,000 dol.</i>	<i>1,000 dol.</i>	<i>1,000 dol.</i>
1930-----	776,971	62,591	714,380	-----	18,748	244,127	489,001	2,647,373	903,270	1,814,540	18.4	482,103	333,188	161,756	494,944
1931-----	709,425	62,846	646,579	-----	12,928	230,970	428,537	2,466,955	877,686	1,633,640	15.8	383,215	257,665	132,391	390,056
1932-----	735,510	62,891	672,619	7,708	-----	246,631	418,280	2,583,425	944,597	1,616,363	11.8	296,958	189,410	104,010	243,400
1933-----	750,090	65,161	684,929	-----	10,586	254,388	441,127	2,620,924	971,762	1,695,954	9.5	243,971	160,584	86,820	247,420
1934-----	644,424	66,102	578,322	-----	43,979	218,990	403,311	2,189,191	838,732	1,544,543	11.3	241,956	170,772	88,444	259,216
1935-----	658,344	60,575	597,769	13,488	-----	218,796	365,485	2,292,047	846,741	1,413,867	14.9	331,399	207,361	116,429	323,700
1936-----	715,034	64,426	650,608	20,475	-----	235,144	394,989	2,409,582	797,534	1,535,622	15.8	386,116	239,181	134,416	373,597
1937-----	601,147	68,567	532,580	-----	34,297	215,067	351,810	2,042,009	752,407	1,417,395	15.9	332,299	224,826	129,145	353,971
1938-----	650,685	67,478	583,207	28,967	-----	227,810	326,430	2,185,049	787,496	1,281,535	15.4	336,689	195,195	125,088	320,283
1939-----	696,655	75,592	621,063	19,697	-----	224,783	376,583	2,337,980	779,311	1,481,206	13.5	319,252	198,597	110,490	309,087
1940-----	633,705	78,142	555,563	-----	15,447	201,164	369,846	2,158,222	712,093	1,508,105	13.2	283,740	199,435	92,301	291,736
1941-----	744,956	80,841	664,115	54,094	-----	197,699	412,322	2,586,468	699,415	1,672,552	15.8	404,835	263,772	108,303	372,075
1942-----	844,276	92,433	751,843	65,112	-----	193,688	493,043	3,004,727	689,036	2,046,466	19.0	568,089	388,729	129,116	517,845
1943-----	1,001,392	87,685	913,707	40,150	-----	190,620	682,937	3,679,476	678,219	2,836,135	24.5	904,605	696,214	166,614	862,828
1944-----	832,063	107,192	724,871	-----	65,700	178,670	611,901	3,009,026	643,554	2,645,077	24.0	723,634	634,918	155,474	790,392
1945-----	914,793	91,341	823,452	13,706	-----	188,331	621,415	3,416,783	688,435	2,670,225	26.1	895,118	695,860	182,490	878,350
1946-----	745,802	92,399	653,403	-----	55,782	183,202	525,963	2,724,580	676,018	2,287,035	28.0	761,951	639,348	189,622	828,970
1947-----	745,401	85,035	660,366	-----	12,891	176,412	496,845	2,753,129	653,395	2,153,779	26.8	741,426	577,663	177,718	755,381
1948-----	637,372	81,032	556,340	-----	12,874	172,355	396,859	2,354,445	641,161	1,770,137	30.6	722,028	542,320	194,941	737,261
1949-----	746,302	85,735	660,567	32,514	-----	181,759	446,294	2,781,461	671,170	1,966,036	25.7	717,499	505,757	173,806	679,563

<sup>1</sup> Does not include commercial broiler production.<sup>2</sup> Total chicks hatched, less death loss of chicks and young chickens during the year.<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.<sup>4</sup> Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.<sup>5</sup> Change in Jan. 1 inventory numbers during the year.<sup>6</sup> Chickens consumed in households of farm producers.<sup>7</sup> Value of sales, plus value of those consumed in households of producers.Bureau of Agricultural Economics. Data for 1909-29 in *Agricultural Statistics 1942, table 646*.

CHICKENS

TABLE 564.—*Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1948*<sup>1</sup>

State and division	Number						Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>6</sup>	Gross income <sup>7</sup>	
	Raised <sup>2</sup>	Loss of mature birds <sup>3</sup>	Pro-duced <sup>4</sup>	Change in in-ventory <sup>5</sup>		Con- sumed in farm house- hold <sup>6</sup>	Sold	Pro-duced	Con- sumed in farm house- hold <sup>6</sup>						Sold
				In-crease	De-crease										
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	4,516	355	4,161	116	-----	416	3,629	21,846	1,997	19,234	34.0	7,428	6,540	6,719	7,219
New Hampshire.....	3,788	321	3,467	94	-----	269	3,104	17,894	1,264	16,141	36.3	6,496	5,850	6,318	6,318
Vermont.....	1,550	140	1,410	-----	36	266	1,180	7,499	1,436	6,254	34.1	2,557	2,133	490	2,623
Massachusetts.....	7,361	725	6,636	3	-----	704	5,929	34,890	3,450	31,424	36.7	12,805	11,533	1,266	12,799
Rhode Island.....	797	79	718	-----	14	96	636	3,777	480	3,371	37.6	1,420	1,267	180	1,447
Connecticut.....	4,823	509	4,314	-----	167	482	3,999	21,905	2,362	20,395	37.5	8,214	7,648	586	8,534
New York.....	19,556	2,161	17,395	-----	786	2,648	15,533	86,975	13,240	77,665	36.6	31,833	28,425	4,846	33,271
New Jersey.....	12,052	2,138	9,914	963	-----	953	7,998	46,596	4,479	37,591	37.6	17,520	14,134	1,684	15,818
Pennsylvania.....	32,878	4,949	27,929	534	-----	3,870	23,525	137,239	19,350	115,272	35.8	49,132	41,267	6,927	48,194
North Atlantic.....	87,321	11,377	75,944	707	-----	9,704	65,533	378,621	48,058	327,347	36.3	137,405	118,806	17,417	136,223
Ohio.....	24,252	3,630	20,622	-----	697	6,017	15,302	99,243	27,678	74,980	33.1	32,849	24,818	9,161	33,979
Indiana.....	26,853	2,984	23,869	-----	41	5,177	18,733	111,464	21,743	89,918	30.4	33,885	27,335	6,610	33,945
Illinois.....	30,003	4,011	25,992	-----	857	6,880	19,969	121,321	29,584	95,851	31.5	38,216	30,193	9,319	39,512
Michigan.....	17,512	2,175	15,337	-----	529	3,464	12,402	74,805	16,627	60,770	33.4	24,985	20,297	5,553	25,500
Wisconsin.....	18,702	3,010	15,692	-----	356	4,525	11,523	70,162	19,910	51,854	30.0	21,049	15,556	5,973	21,529
East North Central.....	117,322	15,810	101,512	-----	2,480	26,063	77,929	476,995	115,542	373,373	31.7	150,984	118,199	36,616	154,815
Minnesota.....	29,904	4,536	25,368	-----	1,467	5,426	21,409	115,607	23,874	98,481	25.8	29,827	25,408	6,159	31,567
Iowa.....	40,627	5,381	35,246	-----	1,445	6,693	29,998	170,028	30,118	146,990	27.2	46,248	39,981	8,192	48,173
Missouri.....	31,340	3,207	28,133	-----	419	7,509	21,043	117,777	27,032	92,589	27.7	32,624	25,647	7,488	33,135
North Dakota.....	6,409	1,004	5,405	-----	514	1,867	4,052	25,364	8,028	19,855	24.1	6,113	4,785	1,935	6,720
South Dakota.....	11,943	1,683	10,260	-----	913	2,351	8,822	46,811	9,639	41,463	25.2	11,796	10,449	2,429	12,878
Nebraska.....	21,402	2,692	18,710	-----	1,350	5,239	14,821	79,704	20,432	65,212	25.4	20,245	16,564	5,190	21,754
Kansas.....	21,175	2,798	18,377	-----	830	6,450	12,757	72,668	22,575	53,579	24.9	18,094	13,341	5,621	18,962
West North Central.....	162,800	21,301	141,499	-----	6,938	35,535	112,902	627,959	141,668	518,169	26.3	164,947	136,175	37,014	173,189

Delaware.....	2,061	236	1,825	48	308	1,565	7,999	1,324	6,886	36.2	2,896	2,493	479	2,972
Maryland.....	6,559	789	5,770	145	1,523	4,392	24,931	6,244	19,325	36.7	9,150	7,092	2,292	9,384
Virginia.....	12,110	1,692	10,418	240	6,584	4,074	39,914	23,044	17,926	34.8	13,890	6,238	8,019	14,257
West Virginia.....	5,250	633	4,617	2	1,943	2,676	19,537	7,772	11,774	32.0	6,252	3,768	2,487	6,255
North Carolina.....	18,894	2,001	16,893	315	9,016	7,562	63,737	30,654	31,760	30.7	19,567	9,750	9,411	19,161
South Carolina.....	8,952	883	8,069	123	6,040	2,152	28,247	20,536	8,178	35.2	9,943	2,879	7,229	10,108
Georgia.....	13,677	1,555	12,122	266	7,755	4,633	41,848	24,816	18,069	33.0	13,810	5,963	8,189	14,152
Florida.....	4,431	649	3,782	80	1,280	2,422	13,353	4,096	8,961	36.8	4,914	3,298	1,507	4,805
South Atlantic.....	71,934	8,438	63,496	429	34,449	29,476	239,566	118,486	122,879	33.8	80,422	41,481	39,613	81,094
Kentucky.....	19,091	1,881	17,210	128	8,241	9,097	67,483	28,019	40,027	27.1	18,238	10,847	7,593	18,440
Tennessee.....	16,774	1,763	15,011	324	6,692	8,643	59,194	23,422	37,165	27.4	16,219	10,183	6,418	16,601
Alabama.....	12,820	1,376	11,444	230	7,046	4,628	36,441	19,729	17,586	29.5	10,750	5,188	5,820	11,008
Mississippi.....	14,763	1,195	13,568	73	5,394	8,247	44,790	16,182	28,864	31.8	14,243	9,179	5,146	14,325
Arkansas.....	11,925	1,096	10,829	330	4,121	7,038	38,524	12,363	27,448	31.5	12,135	8,646	3,894	12,540
Louisiana.....	9,210	826	8,384	142	4,556	3,686	30,565	16,402	13,638	37.6	11,492	5,128	6,167	11,295
Oklahoma.....	16,569	2,027	14,542	866	5,811	9,597	52,646	18,595	37,428	25.9	13,635	9,694	4,816	14,510
Texas.....	34,371	5,954	28,417	2,581	11,528	19,470	95,384	34,584	70,092	27.0	25,754	18,925	9,338	28,263
South Central.....	135,523	16,118	119,405	4,390	53,389	70,406	425,027	169,296	272,248	28.6	122,516	77,790	49,192	126,982
Montana.....	3,528	417	3,111	119	1,164	1,947	13,028	4,656	8,372	33.2	4,325	2,780	1,546	4,326
Idaho.....	3,753	511	3,242	36	1,132	2,229	13,375	4,302	9,585	28.8	3,852	2,760	1,239	3,999
Wyoming.....	1,115	140	975	106	451	560	4,012	1,759	2,408	30.9	1,240	744	544	1,288
Colorado.....	5,480	663	4,817	170	1,768	3,155	18,561	6,365	12,620	29.9	5,550	3,773	1,903	5,676
New Mexico.....	1,875	244	1,631	54	736	1,065	5,846	2,355	4,154	25.8	1,508	1,072	608	1,680
Arizona.....	1,016	168	848	18	359	543	3,101	1,292	2,009	37.2	1,154	747	481	1,228
Utah.....	4,952	667	4,285	47	519	3,719	15,647	1,713	13,760	27.8	4,350	3,825	476	4,301
Nevada.....	406	63	343	152	108	253	1,340	400	1,012	29.9	401	303	120	423
Washington.....	8,887	923	7,964	151	2,255	5,558	31,059	8,794	21,676	29.8	9,256	6,459	2,621	9,080
Oregon.....	5,401	693	4,708	152	1,332	3,528	20,448	5,594	15,523	32.5	6,646	5,045	1,818	6,863
California.....	26,059	3,499	22,560	1,113	3,391	18,056	79,860	10,851	65,002	34.4	27,472	22,361	3,733	26,094
Western.....	62,472	7,988	54,484	656	13,215	40,613	206,277	48,081	156,121	31.9	65,754	49,869	15,089	64,958
United States.....	337,372	81,032	556,340	12,874	172,355	396,859	2,354,445	641,161	1,770,137	30.6	722,028	542,320	194,941	737,261

<sup>1</sup> Does not include commercial broiler production.

<sup>2</sup> Total chicks hatched, less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Change in Jan. 1 inventory numbers during the year.

<sup>6</sup> Chickens consumed in households of farm producers.

<sup>7</sup> Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

TABLE 565.—*Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1949*<sup>1</sup>

State and division	Number						Pounds				Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>6</sup>	Gross in- come <sup>7</sup>
	Raised <sup>2</sup>	Loss of mature birds <sup>3</sup>	Pro- duced <sup>4</sup>	Change in in- ventory <sup>5</sup>		Con- sumed in farm house- hold <sup>6</sup>	Sold	Pro- duced	Con- sumed in farm house- hold <sup>6</sup>	Sold					
				In- crease	De- crease										
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	5,961	398	5,563	355	-----	433	4,775	29,312	2,122	25,308	29.4	8,618	7,441	624	8,065
New Hampshire.....	4,735	382	4,353	274	-----	258	3,821	21,993	1,109	19,487	29.4	6,466	5,729	326	6,055
Vermont.....	1,876	154	1,722	114	-----	279	1,329	8,983	1,479	6,911	30.3	2,722	2,094	448	2,542
Massachusetts.....	8,244	774	7,470	359	-----	690	6,421	38,637	3,381	33,389	30.4	11,746	10,150	1,028	11,178
Rhode Island.....	996	82	914	55	-----	96	763	4,724	470	3,968	30.4	1,436	1,206	143	1,349
Connecticut.....	5,884	516	5,368	284	-----	506	4,578	27,275	2,479	23,348	29.9	8,155	6,981	741	7,722
New York.....	24,445	2,534	21,911	1,921	-----	2,489	17,501	107,862	12,694	85,755	31.3	33,761	26,841	3,973	30,814
New Jersey.....	15,668	2,331	13,337	1,546	-----	991	10,800	61,351	4,559	49,680	30.7	18,835	15,252	1,400	16,652
Pennsylvania.....	40,111	5,784	34,327	2,737	-----	3,947	27,643	168,597	19,735	135,451	31.8	53,614	43,073	6,276	49,349
North Atlantic.....	107,920	12,955	94,965	7,645	-----	9,689	77,631	468,734	48,028	383,297	31.0	145,353	118,767	14,959	133,726
Ohio.....	30,072	4,050	26,022	1,277	-----	6,077	18,668	121,696	27,954	87,740	27.4	33,345	24,041	7,659	31,700
Indiana.....	32,224	2,977	29,247	2,095	-----	5,643	21,509	133,510	22,672	101,092	25.1	33,511	25,374	5,666	31,040
Illinois.....	33,003	4,071	28,932	1,513	-----	6,880	20,539	133,228	29,684	96,533	25.5	33,973	24,616	7,544	32,160
Michigan.....	21,890	2,293	19,597	1,701	-----	3,533	14,363	94,065	16,958	68,942	28.4	26,714	19,588	4,816	24,396
Wisconsin.....	23,378	3,296	20,082	605	-----	4,525	14,952	90,368	20,362	67,284	25.1	22,682	16,888	5,111	21,999
East North Central.....	140,567	16,687	123,880	7,191	-----	26,658	90,031	572,867	117,430	421,591	26.2	150,225	110,499	\$ 30,796	141,295
Minnesota.....	38,277	4,839	33,438	1,585	-----	5,589	26,264	149,353	24,033	118,188	19.3	28,825	22,810	4,638	27,448
Iowa.....	47,940	5,472	42,468	2,070	-----	7,496	32,902	200,099	32,233	157,930	20.7	41,420	32,692	6,672	39,364
Missouri.....	36,981	3,148	33,833	1,636	-----	7,960	24,237	145,084	28,656	109,066	22.4	32,499	24,431	6,419	30,850
North Dakota.....	7,434	1,037	6,397	364	-----	1,848	4,185	29,143	7,762	19,670	19.2	5,595	3,777	1,490	5,267
South Dakota.....	14,929	1,771	13,158	601	-----	2,539	10,018	60,066	10,156	47,085	18.6	11,172	8,758	1,889	10,647
Nebraska.....	24,612	2,721	21,891	702	-----	5,344	15,845	91,460	20,307	68,134	20.1	18,383	13,695	4,082	17,777
Kansas.....	24,775	2,796	21,979	954	-----	6,772	14,253	88,249	24,379	59,863	19.3	17,032	11,554	4,705	16,259
West North Central.....	194,948	21,784	173,164	7,912	-----	37,548	127,704	763,454	147,526	579,936	20.3	154,926	117,717	29,895	147,612

Delaware.....	2,164	236	1,928	32	-----	326	1,570	8,258	1,369	6,751	27.6	2,279	1,863	378	2,241
Maryland.....	6,887	805	6,082	130	-----	1,462	4,490	25,714	5,848	19,307	28.4	7,303	5,483	1,661	7,144
Virginia.....	13,200	1,845	11,355	294	-----	6,913	4,148	44,185	24,196	18,666	26.3	11,621	4,909	6,364	11,273
West Virginia.....	6,300	633	5,667	359	-----	1,943	3,365	23,980	7,966	14,470	27.0	6,475	3,907	2,151	6,058
North Carolina.....	20,406	1,952	18,454	240	-----	9,557	8,657	68,016	31,538	35,494	27.3	18,568	9,690	8,610	18,300
South Carolina.....	8,504	956	7,548	-----	16	6,463	1,101	25,776	21,328	4,514	29.8	7,681	1,345	6,356	7,701
Georgia.....	13,951	1,675	12,276	335	-----	8,375	3,566	42,013	26,800	13,907	27.6	11,596	3,838	7,397	11,235
Florida.....	4,520	609	3,911	41	-----	1,408	2,462	13,517	4,506	8,863	33.2	4,488	2,943	1,496	4,439
South Atlantic.....	75,932	8,711	67,221	1,415	-----	36,447	29,359	251,459	123,551	121,972	27.9	70,011	33,978	34,413	68,391
Kentucky.....	20,046	1,861	18,185	166	-----	9,065	8,954	71,856	31,728	39,398	25.2	18,108	9,928	7,995	17,923
Tennessee.....	18,619	1,818	16,801	326	-----	7,160	9,315	63,873	24,344	38,192	24.4	15,585	9,319	5,940	15,259
Alabama.....	13,846	1,495	12,351	312	-----	7,187	4,852	39,230	20,124	17,952	27.8	10,906	4,991	5,594	10,585
Mississippi.....	15,944	1,331	14,613	156	-----	5,556	8,901	47,461	16,668	30,263	29.3	13,906	8,867	4,884	13,751
Arkansas.....	13,714	1,117	12,597	845	-----	4,657	7,095	44,143	13,971	26,961	26.5	11,698	7,145	3,702	10,847
Louisiana.....	10,407	900	9,507	-----	47	4,693	4,861	35,176	17,364	17,986	35.7	12,558	6,421	6,199	12,620
Oklahoma.....	19,551	2,079	17,472	709	-----	6,625	10,138	62,841	20,538	39,538	22.1	13,888	8,738	4,539	13,277
Texas.....	44,682	6,185	38,497	1,613	-----	13,142	23,742	126,947	40,740	80,723	27.3	34,657	22,037	11,122	33,159
South Central.....	156,809	16,786	140,023	4,080	-----	58,085	77,858	491,527	185,477	291,013	26.6	131,306	77,446	49,975	127,421
Montana.....	3,634	417	3,217	158	-----	1,164	1,895	13,716	4,889	8,148	28.3	3,882	2,306	1,384	3,690
Idaho.....	4,128	504	3,624	104	-----	1,302	2,218	14,468	4,948	9,094	25.9	3,747	2,355	1,282	3,637
Wyoming.....	1,249	158	1,091	42	-----	496	553	4,334	1,835	2,323	28.7	1,244	667	527	1,194
Colorado.....	6,247	711	5,536	98	-----	1,803	3,635	21,049	6,491	14,176	27.9	5,873	3,955	1,811	5,766
New Mexico.....	2,250	231	2,019	80	-----	758	1,181	7,066	2,274	4,488	23.2	1,639	1,041	528	1,569
Arizona.....	925	156	769	13	-----	381	375	2,847	1,334	1,462	35.5	1,011	519	474	993
Utah.....	5,695	677	5,018	348	-----	535	4,135	18,407	1,819	15,300	25.3	4,657	3,871	460	4,331
Nevada.....	406	63	343	1	-----	113	229	1,326	429	893	26.6	353	238	114	352
Washington.....	9,953	1,056	8,897	294	-----	2,187	6,416	36,259	8,748	26,306	28.9	10,479	7,602	2,528	10,130
Oregon.....	5,671	729	4,942	269	-----	1,372	3,301	21,826	5,762	14,854	27.0	5,893	4,011	1,656	5,567
California.....	29,968	4,110	25,858	2,864	-----	3,221	19,773	92,122	10,629	71,183	29.2	26,900	20,785	3,104	23,889
Western.....	70,126	8,812	61,314	4,271	-----	13,332	43,711	233,420	49,158	168,227	28.1	65,678	47,350	13,768	61,118
United States.....	746,302	85,735	660,567	32,514	-----	181,750	446,294	2,781,461	671,170	1,966,036	25.7	717,499	505,757	173,806	679,563

<sup>1</sup> Does not include commercial broiler production.

<sup>2</sup> Total chicks hatched, less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Change in Jan. 1 inventory numbers during the year.

<sup>6</sup> Chickens consumed in households of farm producers.

<sup>7</sup> Value of sales, plus value of those consumed in households of producers.

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TABLE 566.—*Chickens: Participation in the National Poultry Improvement Plan, 1935-49*

Year beginning July—	States partici- pating	Hatcheries		Supply flocks		U. S. Record of Performance <sup>2</sup>				U. S. Register of Merit <sup>2</sup>			
		Number	Egg capacity <sup>1</sup>	Flocks	Birds	Flocks	Candi- dates trap- nested	Females in U.S.R.O.P. matings <sup>3</sup>	Average egg produc- tion <sup>4</sup>	Sires		Dams	
										Number	Daughters' average egg production <sup>4</sup>	Number	Daughters' average egg production <sup>4</sup>
	<i>Number</i>		<i>Thousands</i>	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>		<i>Number</i>		<i>Number</i>
1935.....	34	1, 017	38, 066	23, 813	3, 522	190	66, 547	22, 322	36	36	144	.....	.....
1936.....	41	1, 239	52, 592	30, 558	6, 536	352	112, 202	26, 135	52	52	310	.....	.....
1937.....	42	1, 478	60, 523	28, 820	5, 948	353	108, 183	30, 081	89	89	418	.....	.....
1938.....	44	2, 033	75, 783	42, 591	8, 654	396	124, 937	32, 949	155	155	809	.....	.....
1939.....	44	2, 192	90, 579	50, 559	10, 714	429	144, 447	38, 957	164	191	1, 153	.....	206
1940.....	44	2, 465	117, 916	59, 136	12, 011	445	154, 969	42, 841	171	337	1, 919	.....	207
1941.....	44	2, 667	135, 742	69, 681	15, 519	425	160, 022	45, 964	176	420	2, 483	.....	207
1942.....	44	2, 729	149, 427	69, 569	16, 534	435	151, 685	49, 280	171	408	2, 333	.....	205
1943.....	45	3, 080	189, 756	81, 844	20, 332	447	159, 534	53, 081	173	514	2, 873	.....	208
1944.....	45	3, 181	206, 259	73, 578	18, 592	444	173, 183	62, 265	179	707	3, 785	.....	209
1945.....	47	3, 952	259, 453	92, 324	24, 904	471	211, 669	71, 228	179	796	4, 745	.....	209
1946.....	47	4, 498	325, 633	105, 633	27, 591	471	220, 183	63, 839	186	729	5, 236	.....	222
1947.....	47	4, 354	328, 513	97, 378	27, 291	403	197, 497	70, 848	191	729	5, 283	.....	222
1948.....	47	4, 438	346, 294	93, 874	27, 409	397	198, 881	.....	189	746	5, 278	.....	224
1949.....	47	4, 637	367, 253	106, 597	34, 700	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays.

<sup>2</sup> For U. S. Record of Performance and U. S. Register of Merit, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>3</sup> Single-male matings of U.S.R.O.P. birds.

<sup>4</sup> Computed by dividing the number of eggs laid during the year by the number of candidates, according to Record of Pedigreed Candidates submitted for U. S. Register of Merit Analysis.

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TABLE 567.—*Chickens: Participation in the National Poultry Improvement Plan, by States, 1949, and U.S.R.O.P., 1948<sup>1</sup>*

State and division	Hatcheries, 1949		Supply flocks, 1949			U. S. Record of Performance, 1948			
	Number	Egg capacity <sup>2</sup>	Flocks	Birds	Average number of birds per flock	Breeders	Flocks	Candidates trapped	Females in U.S. R.O.P. matings <sup>3</sup>
		Number	Number	Number	Number	Number	Number	Number	Number
Maine.....	74	2,536,490	785	1,132,716	1,443	1	1	108	2,962
New Hampshire.....	123	5,741,615	651	1,551,846	2,384	14	17	11,035	117
Vermont.....	27	545,796	165	190,083	1,152	1	1	248	4,249
Massachusetts.....	260	7,529,818	680	1,099,358	1,617	19	22	17,243	1,688
Rhode Island.....	15	616,330	42	49,046	1,168	11	15	5,238	3,287
Connecticut.....	108	7,397,165	388	592,862	1,528	11	18	8,839	1,685
New York.....	242	7,792,656	840	857,398	1,021	15	18	6,198	2,300
New Jersey.....	80	8,151,370	619	710,545	1,148	9	11	8,894	16,288
Pennsylvania.....	152	9,941,846	1,516	1,331,029	878	9	9	51,504	20,052
North Atlantic.....	1,081	50,254,086	5,686	7,514,883	1,322	77	94	37,454	17,243
Ohio.....	203	15,772,578	7,751	1,684,911	217	15	16	10,346	4,500
Indiana.....	277	29,991,000	12,078	2,883,704	239	12	18	19,625	7,285
Illinois.....	245	32,605,778	13,883	2,958,328	213	9	12	4,987	1,571
Michigan.....	105	6,773,477	2,223	682,453	307	11	24	6,906	2,598
Wisconsin.....	72	4,471,968	1,114	349,999	314	12	19	9,640	4,098
E. North Central.....	902	89,614,801	37,049	8,559,395	231	59	89	51,504	20,052
Minnesota.....	244	23,891,632	5,413	2,080,412	384	14	20	14,320	7,574
Iowa.....	126	12,813,168	5,054	1,379,709	273	8	8	4,744	1,517
Missouri.....	231	31,968,604	16,781	3,288,636	196	14	33	9,382	5,701
North Dakota.....	51	3,796,447	1,121	218,686	195	2	2	746	18
South Dakota.....	59	4,931,660	1,368	360,799	264	1	1	378	175
Nebraska.....	69	6,631,252	2,052	430,019	210	4	10	3,744	759
Kansas.....	166	13,091,646	4,871	1,070,142	220	6	9	4,180	1,499
W. North Central.....	946	97,124,409	36,660	8,828,403	241	49	83	37,454	17,243
Delaware.....	26	8,869,964	552	569,908	1,032	1	2	1,180	474
Maryland.....	67	12,621,784	1,337	412,723	309	2	2	332	150
Virginia.....	96	11,538,140	2,022	841,678	416	4	4	1,947	623
West Virginia.....	27	2,043,360	1,157	247,907	214	2	3	51	61
North Carolina.....	200	11,464,174	3,193	1,372,897	430	11	15	5,197	1,907
South Carolina.....	43	2,218,771	384	162,412	423	3	3	612	248
Georgia.....	115	12,469,292	977	1,032,968	1,057	3	3	1,321	530
Florida.....	86	3,695,826	214	251,940	1,177	7	10	4,385	687
South Atlantic.....	660	64,921,311	9,836	4,892,433	497	33	42	15,004	4,670
Kentucky.....	110	5,642,700	4,842	629,631	130	9	14	2,624	1,570
Tennessee.....	75	4,357,372	1,882	261,394	139	3	5	1,050	438
Alabama.....	100	4,070,230	1,072	313,520	292	5	6	3,859	700
Mississippi.....	72	3,082,506	574	187,654	327	1	1	1,011	495
Arkansas.....	83	4,342,196	486	155,485	320	2	2	842	194
Louisiana.....	75	1,861,134	512	78,080	153	2	2	2,517	710
Oklahoma.....	53	5,215,132	1,869	328,189	176	9	13	8,262	2,575
Texas.....	123	9,288,829	1,673	482,376	288	11	14	20,165	6,682
South Central.....	691	37,860,099	12,910	2,436,329	189	40	55	20,165	6,682
Montana.....	19	1,424,120	208	39,710	191	2	2	888	211
Idaho.....	37	1,586,580	420	100,068	240	1	2	398	73
Wyoming.....	8	247,700	94	15,339	163	3	3	2,997	705
Colorado.....	39	2,667,300	806	178,602	222	3	3	719	246
New Mexico.....	4	143,400	17	8,626	507	2	6	1,888	572
Arizona.....	9	387,600	34	16,218	477	3	3	4,602	2,061
Utah.....	21	1,864,480	107	92,601	865	6	6	5,459	2,045
Washington.....	60	3,533,808	611	457,906	749	11	12	16,951	5,913
Oregon.....	60	3,636,916	989	453,730	459	6	6	70,848	
California.....	100	11,986,540	1,170	1,106,094	945				
Western.....	357	27,478,444	4,456	2,468,894	554	28	34	16,951	5,913
United States.....	4,637	367,253,150	106,597	34,700,337	326	286	397	198,881	70,848

<sup>1</sup> For hatcheries and supply flocks, year began July 1, 1949, and ended June 30, 1950. For U. S. Record of Performance, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>2</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays.

<sup>3</sup> Single-male matings of U.S.R.O.P. birds.

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TABLE 568.—*Chickens: Participation in U. S. Record of Performance and U. S. Register of Merit, by breeds and varieties, 1948*

Breed and variety	U. S. Record of Performance <sup>1</sup>				U. S. Register of Merit <sup>1</sup>					
	Flocks	Candidates trap-nested	U. S.-R.O.P. matings <sup>2</sup>	Average egg production	Sires			Dams		
					Number	Daughters	Daughters' average egg production	Number	Daughters	Daughters' average egg production
	Number	Number	Number	Number		Number	Number		Number	Number
Single-Comb White Leghorn.....	140	88,378	1,904	198	444	33,099	221	3,191	28,742	229
New Hampshire.....	91	46,423	1,100	178	130	8,010	210	953	8,607	214
White Plymouth Rock.....	54	23,183	617	171	45	2,376	202	330	2,916	206
Single-Comb Rhode Island Red.....	46	21,421	584	193	68	3,472	216	402	3,697	219
Barred Plymouth Rock.....	43	16,343	407	190	58	3,617	223	389	3,499	229
Black Australorp.....	7	1,266	28	138	1	36	199	9	61	203
White Wyandotte.....	5	1,122	53	165	-----	-----	-----	4	36	198
Others.....	11	808	19	125	-----	-----	-----	-----	-----	-----
Total or average....	397	198,944	4,712	189	746	50,610	218	5,278	47,558	224

<sup>1</sup> Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>2</sup> Single-male matings of U.S.R.O.P. birds.

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TABLE 569.—*Chickens: Distribution of birds trap-nested under the National Poultry Improvement Plan, by breed and variety, 1940-48 <sup>1</sup>*

Breed and variety	1940	1941	1942	1943	1944	1945	1946	1947	1948
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Single-Comb White Leghorn.....	56.3	53.0	51.2	49.9	50.6	48.1	47.6	46.8	44.7
Single-Comb Rhode Island Red.....	14.9	13.6	13.4	13.8	12.1	13.1	12.2	12.8	11.4
New Hampshire.....	8.3	9.1	11.5	12.4	13.2	15.9	18.9	21.0	22.5
White Plymouth Rock.....	9.3	12.1	11.9	10.6	11.5	11.4	9.5	10.4	11.8
Barred Plymouth Rock.....	9.4	10.0	9.5	10.8	10.6	9.4	9.6	7.6	8.0
White Wyandotte.....	1.1	1.4	1.4	1.1	0.8	0.9	1.1	0.5	0.6
Others.....	0.7	0.8	1.1	1.4	1.2	1.2	1.1	0.9	1.0
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

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TABLE 570.—*Chickens: Sales and average live weight of farm chickens sold, United States, 1940-49*<sup>1</sup>

Year	Chickens sold			Average live weight		Pounds of chicken sold	
	Total	Young	Mature	Young	Mature	Young	Mature
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	369,846	185,415	184,431	3.3	4.9	611,986	896,119
1941.....	412,322	246,835	165,487	3.4	5.1	836,471	836,081
1942.....	493,043	295,728	197,315	3.5	5.1	1,034,390	1,012,076
1943.....	682,937	411,504	271,433	3.5	5.1	1,441,980	1,394,155
1944.....	611,901	299,155	312,746	3.6	5.1	1,063,306	1,581,771
1945.....	621,415	338,334	283,081	3.6	5.1	1,224,203	1,446,022
1946.....	525,963	275,560	250,403	3.6	5.2	992,352	1,294,683
1947.....	496,845	283,906	212,939	3.7	5.2	1,041,964	1,111,815
1948.....	396,859	196,604	200,255	3.6	5.3	714,618	1,055,519
1949.....	446,294	261,938	184,356	3.8	5.3	983,162	982,874

<sup>1</sup> Does not include commercial broiler production.

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TABLE 571.—*Chickens: Commercial broiler production and gross income, United States, 1934-49*<sup>1</sup>

Year	Production		Price per pound	Gross income <sup>2</sup>	Year	Production		Price per pound	Gross income <sup>2</sup>
	Number	Pounds				Number	Pounds		
	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>		<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>
1934.....	34,030	96,662	19.3	18,694	1942.....	228,187	674,087	22.9	154,650
1935.....	42,890	122,884	20.1	24,651	1943.....	285,293	832,837	28.6	238,262
1936.....	53,155	152,447	20.7	31,493	1944.....	264,999	790,346	28.7	227,104
1937.....	67,915	195,916	21.4	41,876	1945.....	345,598	1,044,322	29.5	308,521
1938.....	82,420	239,508	19.0	45,609	1946.....	275,600	828,607	32.6	270,015
1939.....	105,630	306,272	17.0	52,059	1947.....	295,333	886,179	32.1	284,285
1940.....	142,762	414,074	17.3	71,729	1948.....	355,785	1,079,761	35.9	387,391
1941.....	191,502	559,605	18.4	103,111	1949.....	487,089	1,482,455	28.1	416,664

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

Bureau of Agricultural Economics.

TABLE 572.—Chickens: Commercial broiler production, and gross income, by States, 1948 and 1949<sup>1</sup>

State and division	1948				1949			
	Production		Price per pound	Gross income <sup>2</sup>	Production		Price per pound	Gross income <sup>2</sup>
	Number	Pounds			Number	Pounds		
	Thousands	1,000 lb.	Cents	1,000 dol.	Thousands	1,000 lb.	Cents	1,000 dol.
Maine.....	6,509	25,385	35.0	8,885	10,545	43,234	27.3	11,803
New Hampshire.....	3,321	11,624	35.0	4,068	3,952	14,227	27.5	3,912
Vermont.....	400	1,480	35.0	518	480	1,728	27.5	475
Massachusetts.....	6,374	23,584	36.0	8,490	7,458	26,103	28.0	7,309
Rhode Island.....	606	2,242	37.0	830	697	2,440	28.3	691
Connecticut.....	9,800	36,260	37.0	13,416	11,760	44,688	29.0	12,960
New York.....	6,794	22,420	37.0	8,295	8,153	27,720	29.0	8,039
New Jersey.....	4,176	14,198	39.0	5,537	5,136	17,462	29.3	5,116
Pennsylvania.....	7,903	27,660	36.0	9,958	10,432	36,512	28.2	10,296
North Atlantic.....	45,883	164,853	36.4	59,997	58,613	214,114	28.3	60,601
Ohio.....	3,583	11,107	37.5	4,165	4,479	14,333	30.0	4,300
Indiana.....	9,503	28,509	37.5	10,691	12,354	39,533	29.5	11,662
Illinois.....	7,872	22,042	38.0	8,376	9,053	26,254	31.0	8,139
Michigan.....	1,104	3,643	39.0	1,421	1,546	5,102	31.0	1,582
Wisconsin.....	4,235	12,705	38.0	4,828	5,082	15,246	31.0	4,726
East North Central.....	26,297	78,006	37.8	29,481	32,514	100,468	30.3	30,409
Minnesota.....	1,384	4,152	38.0	1,578	1,661	4,983	30.0	1,495
Iowa.....	4,018	14,063	35.0	4,922	4,621	16,174	25.0	4,044
Missouri.....	5,080	15,240	35.0	5,334	11,430	34,290	26.0	8,915
Nebraska.....	500	1,400	35.0	1,013	1,750	4,900	27.0	1,323
Kansas.....	1,034	2,895	35.0	1,013	1,551	4,188	29.0	1,215
West North Central.....	12,016	37,750	35.3	13,337	21,013	64,535	26.3	16,992
Delaware.....	53,245	165,060	35.1	57,936	71,881	222,831	27.2	60,610
Maryland.....	38,233	122,346	34.7	42,454	48,174	149,339	27.0	40,322
Virginia.....	26,477	82,079	35.4	29,056	38,127	118,194	26.9	31,794
West Virginia.....	11,817	38,996	35.0	13,649	13,708	43,866	27.8	12,195
North Carolina.....	18,286	53,029	34.7	18,401	21,943	61,440	26.9	16,527
South Carolina.....	3,951	10,273	38.0	3,904	6,519	17,601	30.0	5,280
Georgia.....	33,025	85,865	33.9	29,108	45,574	123,050	26.8	32,977
Florida.....	7,276	18,190	39.0	7,094	8,367	23,428	33.0	7,731
South Atlantic.....	192,310	575,838	35.0	201,602	254,293	759,749	27.3	207,436
Kentucky.....	1,090	3,052	38.0	1,160	1,526	4,273	31.0	1,325
Tennessee.....	2,596	6,490	39.0	2,531	3,115	9,034	30.0	2,710
Alabama.....	5,995	14,988	36.0	5,396	10,491	27,277	28.3	7,719
Mississippi.....	5,984	16,157	36.0	5,817	8,378	24,296	29.0	7,046
Arkansas.....	24,380	68,264	35.5	24,234	38,033	106,492	27.5	29,285
Louisiana.....	1,617	4,042	43.0	1,738	2,426	6,550	36.0	2,358
Oklahoma.....	1,056	2,851	35.0	998	2,006	5,216	29.0	1,513
Texas.....	14,208	36,941	38.3	14,148	25,290	68,283	30.0	20,485
South Central.....	56,926	152,785	36.7	56,022	91,265	251,421	28.8	72,441
Colorado.....	910	2,457	40.0	983	1,310	3,537	35.0	1,238
Arizona.....	729	2,041	41.0	837	838	2,430	36.0	875
Washington.....	3,756	11,644	38.0	4,425	4,883	14,649	31.0	4,541
Oregon.....	1,214	4,006	39.0	1,562	1,578	5,050	30.0	1,515
California.....	15,744	50,381	38.0	19,145	20,782	66,502	31.0	20,616
Western.....	22,353	70,529	38.2	26,952	29,391	92,168	31.2	28,785
United States.....	355,785	1,079,761	35.9	387,391	487,089	1,482,455	28.1	416,664

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

Bureau of Agricultural Economics.

TABLE 573.—*Chicks hatched by commercial hatcheries: Number, average price, and value of production, by States, 1948 and 1949*

State and division	Chicks hatched		Average price of baby chicks per 100 <sup>1</sup>		Value of chick production	
	1948	1949	1948	1949	1948	1949
	Thousands	Thousands	Dollars	Dollars	1,000 dollars	1,000 dollars
Maine.....	7,301	13,156	21.00	21.70	1,533	2,855
New Hampshire.....	26,892	32,657	22.00	22.80	5,916	7,446
Vermont.....	1,453	1,689	21.10	21.90	307	370
Massachusetts.....	23,502	31,986	24.00	24.40	5,640	7,805
Rhode Island.....	1,750	2,250	25.30	26.20	443	590
Connecticut.....	31,809	33,577	23.30	24.00	7,411	8,058
New England.....	92,707	115,315	22.80	23.40	21,250	27,124
New York.....	22,043	27,634	22.90	22.50	5,048	6,218
New Jersey.....	26,233	36,500	24.40	25.40	6,401	9,271
Pennsylvania.....	55,800	62,975	18.50	18.90	10,323	11,902
Middle Atlantic.....	104,076	127,109	20.90	21.20	21,772	27,391
Ohio.....	53,000	63,600	19.90	21.00	10,547	13,356
Indiana.....	84,760	100,150	17.70	18.10	15,003	18,127
Illinois.....	92,250	95,000	16.80	17.40	15,498	16,530
Michigan.....	20,500	28,165	21.70	21.80	4,448	6,140
Wisconsin.....	19,100	24,836	22.20	22.80	4,240	5,663
East North Central.....	269,610	311,751	19.20	19.80	49,736	59,816
Minnesota.....	44,500	59,833	23.60	24.10	10,502	14,420
Iowa.....	74,985	81,015	20.10	21.10	15,072	17,094
Missouri.....	82,000	93,800	15.30	16.00	12,546	15,008
North Dakota.....	4,740	5,500	19.50	19.00	924	1,045
South Dakota.....	13,500	15,560	18.20	18.00	2,457	2,801
Nebraska.....	27,500	28,500	16.60	17.90	4,565	5,102
Kansas.....	30,250	38,350	15.80	16.40	4,780	6,289
West North Central.....	277,475	322,558	18.80	19.40	50,846	61,759
Delaware.....	42,076	49,630	16.10	18.70	6,774	9,281
Maryland.....	66,342	78,822	17.90	18.40	11,875	14,503
Virginia.....	43,242	51,719	15.90	17.20	6,875	8,896
West Virginia.....	6,427	8,788	19.10	18.30	1,228	1,608
North Carolina.....	38,984	44,538	15.60	16.90	6,082	7,527
South Carolina.....	7,390	8,703	14.40	14.60	1,064	1,271
Georgia.....	54,700	68,600	14.40	15.20	7,877	10,427
Florida.....	13,800	16,000	19.60	18.80	2,705	3,008
South Atlantic.....	272,961	326,800	16.10	16.90	44,480	56,521
Kentucky.....	10,100	13,400	14.70	15.40	1,485	2,064
Tennessee.....	11,085	13,525	14.30	16.00	1,585	2,164
Alabama.....	9,110	15,160	15.20	15.10	1,385	2,289
Mississippi.....	8,800	11,580	13.80	15.20	1,214	1,760
East South Central.....	39,095	53,665	14.60	15.50	5,669	8,277
Arkansas.....	16,068	26,677	13.70	14.50	2,201	3,868
Louisiana.....	5,076	6,018	15.10	15.70	766	945
Oklahoma.....	20,000	20,900	15.60	15.30	3,120	3,198
Texas.....	51,300	61,200	15.60	16.80	8,003	10,282
West South Central.....	92,444	114,795	15.30	16.00	14,090	18,293
Montana.....	1,985	2,320	19.30	20.80	383	483
Idaho.....	2,991	3,307	23.20	22.90	694	757
Wyoming.....	425	410	18.60	19.20	79	79
Colorado.....	5,700	7,809	17.60	18.80	1,003	1,468
New Mexico.....	837	1,193	16.50	17.10	138	204
Arizona.....	1,070	1,168	22.80	25.40	244	297
Utah.....	2,170	2,690	23.20	23.60	503	635
Nevada.....	95	116	24.20	33.20	23	39
Mountain.....	15,273	19,013	20.30	21.40	3,067	3,962
Washington.....	19,100	20,055	28.60	27.50	5,463	5,515
Oregon.....	9,200	12,200	24.60	24.90	2,263	3,038
California.....	69,949	81,679	24.50	25.40	17,138	20,746
Pacific.....	98,249	113,934	25.50	25.80	24,864	29,299
United States.....	1,261,890	1,504,940	18.70	19.40	235,774	292,442

<sup>1</sup> Season average to May 1.

Bureau of Agricultural Economics.

TABLE 574.—*Chicks hatched by commercial hatcheries: Number, average price, and value of production, United States, 1930-49*

Year	Chicks hatched <sup>1</sup>	Average price of baby chicks per 100 <sup>2</sup>	Value of chick production	Year	Chicks hatched <sup>1</sup>	Average price of baby chicks per 100 <sup>2</sup>	Value of chick production
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1930.....	671,576	12.41	83,343	1940.....	859,341	8.70	74,763
1931.....	516,220	10.29	53,119	1941.....	1,093,300	9.01	98,506
1932.....	537,351	8.07	43,364	1942.....	1,280,290	11.33	145,057
1933.....	584,547	7.34	42,906	1943.....	1,609,121	13.90	223,076
1934.....	525,947	8.06	42,391	1944.....	1,288,491	15.00	192,708
1935.....	649,720	8.62	56,006	1945.....	1,620,773	15.50	251,675
1936.....	790,749	9.00	71,167	1946.....	1,265,538	15.70	198,263
1937.....	687,595	8.80	60,508	1947.....	1,289,593	16.40	211,762
1938.....	785,687	8.95	70,319	1948.....	1,261,890	18.70	235,774
1939.....	916,404	8.83	80,918	1949.....	1,504,940	19.40	292,442

<sup>1</sup> In recent years, about 68 percent of the eggs set produced chicks.<sup>2</sup> Season average to May 1.

Bureau of Agricultural Economics.

TABLE 575.—*Poultry-feed price ratios, and poultry ration costs, United States, average 1939-48, annual 1940-49 and by geographic divisions, 1948 and 1949*

Year	Ratios <sup>1</sup>			Poultry ration costs per 100 lb. <sup>2</sup>	Division	Ratios <sup>1</sup>						Poultry ration costs per 100 lb. <sup>2</sup>	
	Egg-feed	Chicken-feed	Turkey-feed			Egg-feed		Chicken-feed		Turkey-feed		1948	1949
						1948	1949	1948	1949	1948	1949		
	Lb.	Lb.	Lb.	Dol.		Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Dol.	Dol.
1939-48 average..	12.4	8.1	9.8	2.77	New England.....	13.7	14.6	7.3	7.5	9.2	10.4	4.98	4.16
1940.....	11.5	7.8	8.4	1.68	Middle Atlantic.....	13.5	15.0	7.9	8.5	10.8	12.8	4.60	3.76
1941.....	13.5	8.5	9.2	1.83	East North Central.....	11.1	13.1	7.4	8.4	10.0	12.2	4.22	3.29
1942.....	14.2	8.5	9.8	2.21	West North Central.....	10.5	12.9	6.5	7.4	10.8	12.7	3.89	2.99
1943.....	14.5	9.1	11.1	2.66	South Atlantic.....	11.5	13.0	7.1	7.2	9.4	10.6	4.75	3.93
1944.....	11.5	8.2	10.8	2.94	East South Central.....	10.7	12.4	6.4	7.4	8.6	10.5	4.49	3.54
1945.....	13.4	8.9	11.5	2.91	West South Central.....	10.7	12.3	6.7	7.6	8.2	9.0	4.27	3.51
1946.....	11.3	7.7	9.7	3.47	Mountain.....	12.3	13.3	7.1	7.6	10.2	10.2	4.12	3.59
1947.....	11.1	6.5	7.7	4.17	Pacific.....	12.3	12.8	7.1	7.0	9.2	8.8	4.68	4.12
1948.....	11.4	7.0	9.8	4.29									
1949.....	13.2	7.7	11.0	3.46	United States.....	11.4	13.2	7.0	7.7	9.8	11.0	4.29	3.46

<sup>1</sup> Number of pounds of poultry ration equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey, live weight. Simple average of monthly ratios.<sup>2</sup> Simple average of monthly ration costs.

Bureau of Agricultural Economics.

TABLE 576.—*Chickens: Number in specified countries, average 1934-38, annual 1947-49*

Continent and country	Month of estimate	Average 1934-38	1947	1948	1949
North America:	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Canada.....	Dec. 1 <sup>1</sup> .....	44,077	50,728	47,310	37,169
Guatemala.....	.....	<sup>2</sup> 664	.....	.....	.....
Mexico.....	March.....	<sup>3</sup> 36,368	.....	.....	.....
Panama.....	.....	<sup>2</sup> 195	1,528	.....	.....
United States.....	Jan. 1.....	408,177	474,441	461,550	448,676
Cuba.....	July.....	.....	10,000	9,000	8,500
Dominican Republic.....	.....	2,358	1,900	.....	.....
Europe:					
Albania.....	.....	2,060	.....	.....	.....
Austria.....	Dec. 3 <sup>1</sup> .....	<sup>2</sup> 8,862	5,400	5,800	5,600
Belgium.....	Dec. 31 <sup>1</sup> .....	16,500	13,333	13,500	16,100
Bulgaria.....	Dec. 31 <sup>1</sup> .....	<sup>4</sup> 11,814	.....	.....	.....
Czechoslovakia <sup>5</sup> .....	Jan.....	<sup>2</sup> 31,875	10,660	11,982	14,987
Denmark.....	July.....	<sup>2</sup> 27,643	19,271	23,445	28,000
Finland <sup>7</sup> .....	Sept. 1.....	2,853	.....	.....	.....
France <sup>8</sup> .....	Fall <sup>1</sup> .....	145,000	145,500	.....	.....
Germany (Tri-zone).....	Dec. 1.....	51,225	27,500	25,500	29,000
Greece <sup>9</sup> .....	Nov. 30 <sup>1</sup> .....	11,679	7,500	8,625	9,700
Hungary.....	Feb. 28.....	<sup>4</sup> 17,880	.....	.....	.....
Ireland.....	June.....	15,961	14,537	17,079	18,524
Italy.....	.....	76,000	<sup>10</sup> 50,613	.....	.....
Luxembourg.....	Dec. 1.....	<sup>2</sup> 515	350	380	400
Netherlands <sup>11</sup> .....	Dec. 1.....	<sup>12</sup> 29,632	7,315	.....	9,843
Norway.....	June 20.....	5,686	3,768	4,663	5,500
Poland and Danzig.....	July.....	50,000	.....	39,000	.....
Portugal.....	Dec. 31 <sup>1</sup> .....	<sup>13</sup> 5,716	.....	.....	.....
Rumania.....	.....	<sup>2</sup> 31,853	.....	15,000	.....
Spain.....	July 1.....	<sup>14</sup> 28,972	.....	37,200	33,500
Sweden.....	June.....	<sup>15</sup> 10,980	12,395	13,991	15,000
Switzerland.....	Apr. 13.....	5,544	5,025	5,900	6,100
United Kingdom—Farm.....	June.....	73,402	64,880	79,219	88,706
Yugoslavia.....	Dec. 31 <sup>1</sup> .....	18,021	81,526	.....	.....
Asia:					
Lebanon.....	Dec. 1.....	.....	1,450	.....	.....
Palestine.....	.....	<sup>2</sup> 1,914	.....	.....	.....
Syria.....	.....	1,525	1,826	2,235	.....
Turkey.....	.....	16,794	18,514	17,303	.....
China.....	.....	265,765	204,115	.....	.....
Japan.....	July.....	51,094	.....	.....	.....
India.....	.....	.....	.....	.....	.....
Pakistan.....	.....	.....	.....	.....	.....
Philippine Islands.....	.....	25,365	.....	23,000	25,000
South America:					
Argentina.....	June.....	<sup>16</sup> 42,988	.....	.....	.....
Brazil.....	.....	<sup>17</sup> 59,000	.....	60,000	.....
Chile.....	June.....	<sup>2</sup> 1,026	4,500	3,600	.....
Paraguay.....	.....	.....	2,000	.....	.....
Uruguay.....	.....	<sup>16</sup> 4,814	4,912	3,952	3,752
Africa:					
Egypt.....	July.....	<sup>14</sup> 26,889	.....	.....	.....
French Morocco.....	.....	<sup>2</sup> 50,000	.....	.....	.....
Union of South Africa.....	Aug.....	<sup>16</sup> 14,000	16,000	15,834	.....
Oceania:					
Australia.....	Dec. 31 <sup>1</sup> .....	15,541	.....	.....	.....
New Zealand.....	March.....	<sup>13</sup> 3,489	.....	.....	.....

<sup>1</sup> End of year estimates (October to December) included under the following year for comparison. Thus for Canada, the December 1, 1946 estimate of 50,728 is shown under 1947. <sup>2</sup> Average for 2 to 4 years only. <sup>3</sup> 1940. <sup>4</sup> 1935. <sup>5</sup> Postwar numbers possible under reported. <sup>6</sup> May 1. <sup>7</sup> Adult poultry. <sup>8</sup> Represents chickens raised. <sup>9</sup> All poultry. <sup>10</sup> Hens and cocks. <sup>11</sup> Hens and pullets. <sup>12</sup> June. <sup>13</sup> 1936. <sup>14</sup> 1939. <sup>15</sup> September. <sup>16</sup> 1937. <sup>17</sup> 1938.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States Foreign Service reports, and other information.

TABLE 577.—*Poultry, live: Receipts at 5 markets, by rail and truck, 1940-49*

Year	New York			Chicago			San Francisco		
	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	39,600	86,960	126,560	5,642	58,506	64,148	417	16,669	17,086
1941.....	26,480	86,016	112,496	4,802	59,892	64,694	252	15,993	16,245
1942.....	25,120	94,624	119,744	7,210	58,156	65,366	88	14,739	14,827
1943.....	24,838	117,874	142,712	11,497	33,327	44,824	2,216	10,462	12,677
1944.....	18,956	114,076	133,032	14,437	35,912	50,349	1,485	12,691	14,176
1945.....	16,031	90,788	106,819	11,689	25,688	37,377	530	12,120	12,650
1946.....	18,535	133,532	152,067	9,541	38,813	48,354	971	16,019	16,990
1947.....	9,464	126,410	135,874	5,162	44,514	49,676	762	16,924	17,686
1948.....	2,710	125,385	128,095	3,357	48,403	51,760	313	16,851	17,164
1949.....	189	119,242	119,431	2,645	53,929	56,574	61	18,677	18,738

  

Year	Philadelphia			Boston		
	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1944.....	1,387	36,409	37,796	2,251	11,014	13,265
1945.....	729	31,277	32,006	432	8,273	8,705
1946.....	981	34,298	35,279	355	9,380	9,735
1947.....	954	33,427	34,381	401	7,884	8,285
1948.....	789	25,262	26,051	254	8,201	8,455
1949.....	468	23,672	24,140	253	6,721	6,974

<sup>1</sup> Truck receipts do not include all truck arrivals, as it is impossible to obtain reports from all receivers.

Production and Marketing Administration.

TABLE 578.—*Poultry, live: Average price per pound, Chicago, 1940-49*

Class and year	Roasters <sup>1</sup>		Fryers <sup>2</sup>		Broilers		Fowl		
	White Rock	Colored	White Rock	Colored	White Rock	Colored	Heavy	Medium	Leghorn
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Wholesale prices <sup>3</sup>									
1940.....	19.9	17.2	18.4	16.4	18.5	16.6	15.1	15.0	11.9
1941.....	20.2	18.6	19.3	17.9	19.1	18.1	18.7	19.0	15.5
1942.....	25.6	24.1	24.8	22.7	24.1	23.0	21.5	22.5	18.7
1943.....	28.3	27.8	27.3	26.9	26.9	26.4	24.4	24.4	23.1
F. O. B. prices <sup>4</sup>									
1944.....	28.7		27.9		28.2		25.1		23.7
1945.....	28.5		27.6		28.3		26.3		25.5
1946.....	32.7		32.8		32.7		28.6		25.2
1947.....	32.8		33.4		31.3		28.9		21.3
1948.....	40.6		39.0		37.0		33.3		27.1
1949.....	31.9		30.0		28.1		30.5		25.3

<sup>1</sup> From September 1939 through 1943 reported as spring chickens, 4 pounds and over. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

<sup>2</sup> From September 1939 through 1943 reported as spring chickens under 4 pounds. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

<sup>3</sup> From daily quotations in the Chicago Price Current; computed by the Bureau of Agricultural Economics.

<sup>4</sup> Reported by the Dairy and Poultry Market News Service, Production and Marketing Administration.

<sup>5</sup> 9-month average. <sup>6</sup> 5-month average. <sup>7</sup> 8-month average. <sup>8</sup> 10-month average.

<sup>9</sup> 11-month average.

Bureau of Agricultural Economics.

TABLE 579.—*Poultry, dressed: Volume inspected by Federal and Federal-State inspectors, 1930-49*

Year	Quantity	Year	Quantity	Year	Quantity	Year	Quantity
	<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>
1930.....	22,571,400	1935.....	23,266,090	1940.....	77,590,774	1945.....	227,917,363
1931.....	15,986,239	1936.....	32,950,582	1941.....	94,499,280	1946.....	282,254,310
1932.....	14,515,707	1937.....	43,578,769	1942.....	147,300,894	1947.....	203,101,031
1933.....	15,316,739	1938.....	43,538,661	1943.....	180,910,916	1948.....	293,503,663
1934.....	18,461,442	1939.....	62,607,663	1944.....	178,776,082	1949.....	349,573,727

Production and Marketing Administration. Covers service to poultry-canning plants and plants preparing eviscerated poultry for sale as such, under cooperative agreements between the Federal and State governments. Inspections are made for condition and wholesomeness and not for grade. The service is optional and is paid for by the applicants.

TABLE 580.—*Poultry, dressed: Receipts at 6 markets, by rail and truck, 1940-49*<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	148,138	100,034	248,172	41,253	62,331	103,584	28,718	5,456	34,174
1941.....	114,395	119,419	233,814	36,047	65,715	101,762	27,885	6,260	34,145
1942.....	115,667	137,424	253,091	46,556	54,925	101,481	24,820	6,229	31,049
1943.....	129,851	81,318	211,169	38,503	37,863	76,366	20,647	2,303	22,950
1944.....	180,019	92,459	272,478	47,894	34,408	82,302	26,235	2,513	28,748
1945.....	212,531	83,468	295,999	90,922	29,431	120,353	30,944	4,231	35,175
1946.....	188,939	121,916	310,855	83,897	43,525	127,422	38,759	7,743	46,502
1947.....	140,475	149,284	289,759	49,985	43,877	93,862	32,387	9,713	42,100
1948.....	96,465	157,513	253,978	21,942	51,420	73,362	27,106	8,878	35,984
1949.....	72,955	224,197	297,152	22,389	74,359	96,748	16,795	13,012	29,807
	Boston			San Francisco			Los Angeles		
1940.....	55,817	12,319	68,136	5,433	8,327	13,760	.....	.....	17,763
1941.....	55,993	13,110	69,103	6,434	8,149	15,583	<sup>2</sup> 10,098	<sup>2</sup> 9,637	19,735
1942.....	53,550	11,944	65,494	18,898	9,520	28,418	17,686	10,433	28,119
1943.....	41,026	6,734	47,760	15,109	7,024	22,133	18,056	8,329	26,385
1944.....	42,502	10,726	53,228	25,749	11,074	36,823	15,439	11,899	27,338
1945.....	45,909	7,455	53,364	16,747	11,357	28,104	19,263	5,597	24,860
1946.....	57,575	12,225	69,800	18,931	11,407	30,338	16,001	4,393	20,394
1947.....	45,220	17,389	62,609	12,031	10,371	22,402	13,371	6,630	20,001
1948.....	36,313	17,489	53,802	8,905	8,821	17,726	8,267	3,673	11,940
1949.....	32,684	30,556	63,240	5,101	8,657	13,758	6,152	3,546	9,698

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 581.—Poultry, dressed: Receipts at 6 markets, by origin, 1948 and 1949<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine.....	7,902	22,789		25			2,793	3,166				
New Hampshire.....	386	1,372					3,256	8,087				
Vermont.....	107	253					155	206				
Massachusetts.....	4,216	6,136		77			6,182	10,418				
Rhode Island.....							63	7				
Connecticut.....	379	1,011			35		70	35				
New York.....	22,084	22,087	953	1,321	666	176	1,784	1,356	75	79	244	
New Jersey.....	808	1,344	310	107	328	321	71				29	
Pennsylvania.....	2,139	3,964	178	123	1,532	2,199		30				
Ohio.....	2,602	5,210	145	150	480	528	333	246				
Indiana.....	2,179	2,725	1,004	1,091	100	79	1,066	614		10		
Illinois.....	8,343	4,237	3,108	3,285	2,858	944	5,468	2,751	143	88	73	
Michigan.....	1,700	510	228	225	245	1	497	63		20		
Wisconsin.....	907	413	2,237	4,391		111	97	228	31			30
Minnesota.....	12,331	14,057	13,144	19,374	5,510	5,579	4,898	5,854	526		380	227
Iowa.....	19,005	16,475	21,030	24,504	4,398	2,814	8,237	7,347	425	158	180	131
Missouri.....	6,255	7,883	3,890	4,908	1,365	944	1,882	1,194	195	80	249	209
North Dakota.....	1,194	1,810	1,064	1,166	501	320	914	760	30			30
South Dakota.....	2,650	2,125	2,502	2,971	223	79	326	549	102		4	33
Nebraska.....	11,266	7,707	3,676	3,732	4,749	2,862	2,959	2,494	2,661	1,010	3,410	2,252
Kansas.....	4,800	3,175	2,167	734	1,277	497	642	886	609	54	1,126	624
Delaware.....	75,695	86,791	1,068	5,779	1,685	1,717	38	989	30	82		
District of Columbia.....	5	2										
Maryland.....	28,160	38,338	701	1,447	3,089	4,539	1,822	2,242	102	5		364
Virginia.....	2,287	5,527	175	419	1,569	1,704			29	144		
West Virginia.....		133	2									
North Carolina.....	161	166			8		70					
South Carolina.....	18	62			25		27					
Georgia.....	115	34	302	384	5		79					
Florida.....	11	14		46								
Kentucky.....	534	1,125	84	55	244	77	67					33
Tennessee.....	2,814	4,025	198	185	108	186		29				
Alabama.....	31		1	56								
Mississippi.....			42					139				
Arkansas.....	425	135	3,917	7,660	26	57	117	27	697	819	444	301
Louisiana.....								88				
Oklahoma.....	1,475	1,173	1,119	567	153	38	198	495	31		50	37
Texas.....	2,154	2,317	409	967	578	674	580	763		37	86	
Montana.....	30	52	40	77			315					
Idaho.....	411	293	93	109	71	186		435	91	51	114	58
Wyoming.....	275	536	53	15								
Colorado.....	1,793	3,060	151	471	638	210	747	718			56	
Arizona.....	32							357			34	
Utah.....	7,370	8,401	2,746	4,280	816	1,043	2,498	3,481	200	108	167	750
Nevada.....			28		29							
Washington.....	3,285	3,516	449	320	541	166	794	397	172	1	21	
Oregon.....	2,873	2,342	1,258	1,311	1,041	544	1,466	2,566	1,632	802		162
California.....	9,800	13,044	3,430	4,416	799	985	2,708	3,647	9,807	10,201	5,201	4,411
Argentina.....	347											
Canada.....	2,624	783	1,470		292	227	583	576	138		72	46
Total.....	253,978	297,152	73,362	96,748	35,984	29,807	53,802	63,240	17,726	13,758	11,940	9,698

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.



TABLE 582.—*Chickens (dressed weight): Supply, distribution, and per capita consumption, United States, 1930-49*

Year	Production <sup>1</sup>			Com- mercial cold storage stocks at begin- ning of year <sup>3</sup>	Imports	Exports	Com- mercial cold storage stocks at end of year <sup>3</sup>	Consumption <sup>4</sup>	
	Farm and non- farm <sup>2</sup>	Com- mercial broilers	Total					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1930.....	2,626	-----	2,626	131	2	3	100	2,656	21.5
1931.....	2,426	-----	2,426	100	1	3	106	2,418	19.4
1932.....	2,465	-----	2,465	106	1	1	93	2,474	19.7
1933.....	2,572	-----	2,572	93	( <sup>5</sup> )	2	103	2,560	20.3
1934.....	2,307	85	2,392	103	1	2	110	2,384	18.8
1935.....	2,189	108	2,297	110	1	2	87	2,319	18.1
1936.....	2,258	134	2,392	87	2	1	148	2,332	18.1
1937.....	2,101	172	2,273	148	5	2	92	2,332	18.0
1938.....	2,003	211	2,214	92	2	2	110	2,196	16.8
1939.....	2,188	270	2,458	110	1	3	109	2,457	18.7
1940.....	2,149	365	2,514	109	2	2	140	2,483	18.7
1941.....	2,296	493	2,789	140	2	9	161	2,715	20.5
1942.....	2,648	593	3,241	161	3	29	149	3,097	23.4
1943.....	3,402	733	4,135	149	2	7	187	3,959	30.5
1944.....	3,183	696	3,879	187	22	9	193	3,467	26.8
1945.....	3,251	919	4,170	193	22	12	301	3,742	28.8
1946.....	2,868	729	3,597	301	( <sup>5</sup> )	81	184	3,542	25.4
1947.....	2,717	780	3,497	184	12	22	226	3,387	23.6
1948.....	2,334	950	3,284	226	35	12	107	3,375	23.1
1949 <sup>6</sup> .....	2,552	1,305	3,857	107	15	13	161	3,745	25.2

<sup>1</sup> 88 percent of live weight.<sup>2</sup> Consumption on farms and sales, plus 10 percent of same to allow for nonfarm production.<sup>3</sup> Total poultry, less turkeys and ducks when reported separately.<sup>4</sup> Beginning 1941, consumption figures apply only to civilian population.<sup>5</sup> Less than 500,000 pounds.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 583.—*Poultry, dressed: Average wholesale prices per pound based on top quotations only, New York City, 1940-49*

Year	Fowl, fresh dressed or frozen, fancy, box-packed			Young chickens, fresh dressed, fancy, ice-packed				Young chickens, fresh dressed and frozen, fancy, box-packed			
	36-42 pounds per dozen	48-54 pounds per dozen	60 or more pounds per dozen	Average weight per chicken				25-30 pounds per dozen	36-42 pounds per dozen	48-54 pounds per dozen	60 or more pounds per dozen
				2 pounds	3 pounds	4 pounds	5 or more pounds				
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1940.....	16.9	19.2	20.4	21.7	20.4	23.3	25.5	<sup>1</sup> 21.3	20.4	<sup>1</sup> 22.6	<sup>1</sup> 23.9
1941.....	20.7	23.1	24.4	22.9	22.0	24.1	26.7	22.6	21.9	24.2	26.0
1942.....	24.9	27.9	28.3	28.2	27.5	30.1	32.8	27.4	28.0	30.7	<sup>1</sup> 32.5
1943.....	31.8	32.7	32.7	35.8	36.2	37.2	37.8	35.8	36.3	37.5	38.8
1944.....	33.6	33.8	33.8	37.8	37.4	37.5	37.5	37.8	37.7	37.8	37.8
1945.....	34.0	34.8	34.8	38.1	37.4	38.7	<sup>1</sup> 39.3	38.8	37.9	39.0	39.1
1946.....	32.4	36.8	37.4	39.6	39.2	42.1	<sup>1</sup> 39.5	40.5	39.5	43.0	43.8
1947.....	30.0	36.0	38.6	39.9	37.6	40.0	45.4	36.5	35.9	40.1	45.0
1948.....	37.0	39.7	41.8	44.2	43.2	46.4	55.4	<sup>1</sup> 44.0	<sup>1</sup> 41.9	45.3	53.4
1949.....	34.0	38.2	39.4	33.7	34.2	36.2	46.4	<sup>1</sup> 36.2	<sup>1</sup> 34.6	<sup>1</sup> 37.3	<sup>1</sup> 48.6

<sup>1</sup> Averages of less than 12 months.

Production and Marketing Administration. Unweighted average annual prices compiled from quotations in the Producers' Price Current, Urner-Barry Publishing Co., New York City.

TABLE 584.—*Chickens and turkeys: Number officially tested for pullorum disease, and number and percentage of reactors, 1940-49*

Year beginning July—	Chicken tests				Turkey tests			
	States reporting	Chickens tested (first test)	Reactors		States reporting	Turkeys tested (first test)	Reactors	
	Number	Number	Number	Percent	Number	Number	Number	Percent
1940.....	47	12, 229, 138	349, 827	2.86	29	332, 584	3, 840	1.20
1941.....	47	16, 859, 592	446, 688	2.65	30	279, 007	2, 553	.92
1942.....	47	18, 469, 256	443, 080	2.40	29	526, 200	5, 578	1.63
1943.....	47	23, 817, 732	547, 039	2.30	36	952, 904	19, 616	2.00
1944.....	47	21, 098, 026	422, 900	2.00	38	1, 854, 070	34, 761	1.87
1945.....	47	27, 003, 930	495, 644	1.84	42	2, 794, 979	40, 488	1.45
1946.....	47	30, 355, 224	543, 356	1.79	43	2, 061, 065	25, 019	1.21
1947.....	47	30, 093, 726	354, 255	1.18	42	1, 265, 037	9, 472	.75
1948.....	46	29, 320, 525	250, 553	.86	47	1, 990, 073	10, 210	.51
1949.....	47	37, 237, 674	269, 115	.72	44	2, 340, 576	9, 172	.39

Bureau of Animal Industry. Data for 1920-38 in Agricultural Statistics, 1945, table 520.

TABLE 585.—*Turkeys: Number on farms, and value, United States, Jan. 1, 1930-50*

Year	Turkeys		Value per head	Total value	Year	Turkeys		Value per head	Total value
	Breeder hens	Total				Breeder hens	Total		
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dol.</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dol.</i>
1930.....		5, 969	3.00	17, 918	1941.....	3, 864	7, 193	2.26	16, 279
1931.....		5, 318	2.60	13, 806	1942.....	4, 003	7, 485	3.08	23, 036
1932.....		5, 946	2.43	14, 471	1943.....	3, 984	6, 600	4.47	29, 515
1933.....		6, 852	1.41	9, 672	1944.....	4, 294	7, 429	5.33	39, 623
1934.....		6, 309	1.48	9, 309	1945.....	4, 606	7, 203	5.78	41, 601
1935.....		5, 499	2.18	11, 982	1946.....	5, 241	8, 493	5.75	48, 798
1936.....		5, 731	2.82	16, 170	1947.....	4, 222	6, 650	6.47	43, 016
1937.....	3, 481	6, 358	2.06	13, 106	1948.....	2, 771	4, 450	6.87	30, 590
1938.....	3, 222	6, 096	2.49	15, 154	1949.....	3, 711	5, 540	8.70	48, 172
1939.....	3, 914	6, 489	2.56	16, 615	1950.....	4, 062	6, 120	6.24	38, 193
1940.....	4, 607	8, 569	2.14	18, 312					

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 586.—*Turkeys: Participation in the National Turkey Improvement Plan, 1943-49*

Year beginning July—	States participating	Hatcheries		Supply flocks			United States Record of Performance and Register of Merit <sup>1</sup>		
		Number	Egg capacity <sup>1</sup>	Flocks	Birds	Average number of birds per flock	Breeder	Single-tom matings	Candidates trap-nested
	Number	Number	Number	Number	Number		Number	Number	Number
1943.....	8	54	4, 264, 741	544	96, 635	178	3	9	134
1944.....	24	236	13, 080, 406	1, 671	743, 148	445	27	157	2, 002
1945.....	31	544	19, 345, 837	4, 608	2, 342, 133	508	37	266	3, 387
1946.....	42	735	30, 426, 292	3, 957	1, 890, 879	478	51	432	5, 538
1947.....	42	674	26, 648, 066	2, 117	1, 095, 938	518	66	742	9, 527
1948.....	45	768	32, 071, 895	3, 224	1, 849, 907	574	61	767	9, 538
1949.....	46	815	31, 710, 192	3, 922	2, 132, 644	544	57	708	8, 573

<sup>1</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. In most instances the data are for turkey-egg capacity only, but in some cases the combined capacity for both chicken and turkey eggs is included.<sup>2</sup> For U. S. Record of Performance and U. S. Register of Merit, the trap-nest period covers 8 consecutive weeks for each candidate during the winter or early spring. The National Turkey Improvement Plan became operative on Sept. 25, 1943.

Bureau of Animal Industry.

TABLE 587.—*Turkeys: Number on farms, value per head, and total value, by States, Jan. 1, average 1939-48, annual 1949 and 1950*

State and division	Turkeys <sup>1</sup>			Value per head			Total value		
	Average 1939-48	1949	1950	Average 1939-48	1949	1950	Average 1939-48	1949	1950
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	11	9	10	4.72	9.00	7.00	51	81	70
New Hampshire.....	13	15	18	5.22	9.70	7.30	70	146	131
Vermont.....	27	25	28	5.17	10.30	7.30	139	258	204
Massachusetts.....	60	66	70	5.45	10.20	7.40	342	673	518
Rhode Island.....	5	5	5	5.50	10.20	7.60	29	51	38
Connecticut.....	30	34	38	5.46	10.00	7.70	173	340	293
New York.....	103	146	146	5.40	10.20	8.00	630	1,489	1,168
New Jersey.....	45	60	66	5.77	10.70	8.10	286	642	535
Pennsylvania.....	158	166	174	5.37	8.70	7.60	878	1,444	1,322
North Atlantic.....	451	526	555	5.41	9.74	7.71	2,598	5,124	4,279
Ohio.....	132	121	126	4.68	8.60	7.00	666	1,041	882
Indiana.....	85	85	76	4.44	9.00	6.10	379	765	464
Illinois.....	130	88	106	4.46	8.20	6.40	599	722	678
Michigan.....	106	117	128	4.48	8.60	6.10	499	1,006	781
Wisconsin.....	100	54	65	4.75	9.40	7.10	487	508	462
East North Central.....	553	465	501	4.56	8.69	6.52	2,630	4,042	3,267
Minnesota.....	389	272	340	4.21	8.60	5.90	1,605	2,339	2,006
Iowa.....	263	255	352	4.26	8.60	6.70	1,071	2,193	2,358
Missouri.....	344	364	455	3.98	7.70	5.50	1,381	2,803	2,502
North Dakota.....	218	40	44	3.90	7.70	5.90	694	308	260
South Dakota.....	206	34	44	3.60	7.30	5.30	607	248	233
Nebraska.....	164	66	89	3.90	7.70	5.70	574	508	507
Kansas.....	194	126	170	3.76	7.20	5.90	660	907	1,003
West North Central.....	1,779	1,157	1,494	4.01	8.04	5.94	6,592	9,306	8,869
Delaware.....	22	15	15	5.44	10.00	7.00	115	150	105
Maryland.....	74	56	59	5.34	10.00	7.00	385	560	413
Virginia.....	170	182	220	4.52	8.20	5.90	788	1,492	1,298
West Virginia.....	42	46	80	4.45	8.80	6.00	184	405	480
North Carolina.....	55	55	63	4.23	7.90	5.90	225	434	372
South Carolina.....	74	85	90	4.46	7.50	6.60	348	638	594
Georgia.....	46	47	47	4.24	7.30	6.40	193	343	301
Florida.....	37	22	25	4.50	7.20	6.30	155	158	158
South Atlantic.....	521	508	599	4.60	8.23	6.21	2,392	4,180	3,721
Kentucky.....	66	46	67	3.88	7.70	6.20	235	354	415
Tennessee.....	40	28	36	3.68	7.00	5.30	137	196	191
Alabama.....	51	41	43	4.24	7.20	5.60	213	295	241
Mississippi.....	54	28	29	3.82	6.60	5.80	193	185	168
Arkansas.....	49	27	30	3.90	6.70	5.60	190	181	168
Louisiana.....	25	14	15	4.33	7.40	6.20	96	104	93
Oklahoma.....	223	95	120	3.36	7.00	4.90	608	665	588
Texas.....	872	770	755	3.54	7.20	4.80	2,987	5,544	3,624
South Central.....	1,380	1,049	1,095	3.60	7.17	5.01	4,658	7,524	5,488
Montana.....	36	18	15	4.58	9.40	7.40	140	169	111
Idaho.....	52	49	49	4.74	9.50	7.00	248	466	343
Wyoming.....	45	28	21	4.52	8.40	6.20	186	235	130
Colorado.....	162	50	70	4.28	9.00	6.10	606	450	427
New Mexico.....	25	20	18	3.86	8.00	6.80	97	160	122
Arizona.....	18	11	12	4.87	8.00	6.30	87	88	76
Utah.....	176	112	109	5.07	9.80	6.80	980	1,098	741
Nevada.....	11	5	4	5.40	10.00	6.80	58	50	27
Washington.....	241	281	281	5.17	9.50	6.70	1,355	2,670	1,883
Oregon.....	496	378	370	5.02	10.00	6.50	2,592	3,780	2,405
California.....	1,111	883	927	5.20	10.00	6.80	5,519	8,830	6,304
Western.....	2,372	1,835	1,876	5.04	9.81	6.70	11,868	17,996	12,569
United States.....	7,056	5,540	6,120	4.47	8.70	6.24	30,738	48,172	38,193

<sup>1</sup> Birds remaining for market and breeding stock on Jan. 1.

Bureau of Agricultural Economics.

TABLE 588.—*Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1948*

State and division	Number							Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed on farms <sup>5</sup>	Gross income <sup>6</sup>
	Raised <sup>1</sup>	Loss of mature birds <sup>2</sup>	Pro-duced <sup>3</sup>	Change in in-ventory <sup>4</sup>		Con-sumed in farm house-hold <sup>5</sup>	Sold		Pro-duced	Con-sumed in farm house-hold <sup>5</sup>	Sold					
				Increase	Decrease											
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine .....	37	0	37	1	-----	1	35	17.4	643	17	609	43.5	280	265	7	272
New Hampshire.....	61	0	61	1	-----	2	58	17.0	1,037	34	986	47.2	489	465	16	481
Vermont.....	100	0	100	5	-----	2	93	16.9	1,690	34	1,572	47.1	796	740	16	756
Massachusetts.....	307	3	304	6	-----	5	293	17.0	5,168	85	4,981	51.7	2,672	2,575	44	2,619
Rhode Island.....	31	0	31	1	-----	1	29	17.2	533	17	499	50.9	271	254	9	263
Connecticut.....	178	1	177	4	-----	4	169	17.2	3,045	69	2,907	52.8	1,608	1,535	36	1,571
New York.....	763	5	758	13	-----	14	731	17.3	13,113	242	12,646	55.4	7,265	7,006	134	7,140
New Jersey.....	328	1	327	-----	6	9	324	17.1	5,591	154	5,540	57.0	3,187	3,158	88	3,246
Pennsylvania.....	1,264	5	1,259	15	-----	20	1,224	17.1	21,528	342	20,930	53.1	11,431	11,114	182	11,296
North Atlantic.....	3,069	15	3,054	40	-----	58	2,956	17.1	52,348	994	50,670	53.5	27,999	27,112	532	27,644
Ohio.....	1,031	6	1,025	20	-----	17	988	17.5	17,938	298	17,290	47.9	8,592	8,282	143	8,425
Indiana.....	919	4	915	15	-----	12	888	17.9	16,378	215	15,895	45.4	7,436	7,216	98	7,314
Illinois.....	1,016	6	1,010	-----	34	11	1,033	18.5	18,685	204	19,110	47.4	8,857	9,058	97	9,155
Michigan.....	780	4	776	11	-----	12	753	17.8	13,813	214	13,403	47.5	6,561	6,366	102	6,468
Wisconsin.....	442	3	439	-----	29	9	459	19.0	8,341	171	8,721	47.9	3,995	4,177	82	4,259
East North Central.....	4,188	23	4,165	-----	17	61	4,121	18.1	75,155	1,102	74,419	47.2	35,441	35,099	522	35,621
Minnesota.....	2,759	8	2,751	91	-----	26	2,634	19.0	52,269	494	50,046	48.5	25,350	24,272	240	24,512
Iowa.....	1,899	5	1,894	84	-----	8	1,802	19.5	36,933	156	35,139	47.4	17,506	16,656	74	16,730
Missouri.....	1,310	13	1,297	104	-----	16	1,177	18.4	23,865	294	21,657	45.4	10,835	9,832	133	9,965
North Dakota.....	500	3	497	-----	40	40	457	16.0	7,952	640	7,312	41.0	3,260	2,998	262	3,260
South Dakota.....	201	2	199	-----	6	29	176	16.6	3,303	481	2,922	43.7	1,443	1,277	210	1,487
Nebraska.....	716	4	712	-----	10	702	702	19.2	13,670	192	13,478	42.5	5,810	5,728	82	5,810
Kansas.....	530	7	523	32	-----	16	475	18.1	9,467	290	8,598	44.8	4,241	3,852	130	3,982
West North Central.....	7,915	42	7,873	305	-----	145	7,423	18.7	147,459	2,547	139,152	46.4	68,445	64,615	1,131	65,746

Delaware.....	61	1	60	2	2	60	17.8	1,068	36	1,068	51.3	548	548	18	566
Maryland.....	321	3	318	3	17	304	17.8	5,661	303	5,411	53.5	3,029	2,895	162	3,057
Virginia.....	1,221	8	1,213	36	22	1,155	15.0	18,195	330	17,325	48.9	8,897	8,472	161	8,633
West Virginia.....	498	2	496	7	7	482	14.9	7,390	104	7,182	49.3	3,643	3,541	51	3,592
North Carolina.....	360	3	357	5	13	339	16.9	6,033	220	5,729	45.4	2,739	2,601	100	2,701
South Carolina.....	446	5	441	10	14	417	17.0	7,497	238	7,089	46.0	3,449	3,261	109	3,370
Georgia.....	187	2	185	6	17	162	16.4	3,034	279	2,667	45.0	1,365	1,196	126	1,322
Florida.....	109	2	107	2	11	98	15.6	1,670	172	1,529	57.4	959	878	99	977
South Atlantic.....	3,203	26	3,177	57	103	3,017	15.9	50,548	1,682	47,990	48.7	24,629	23,392	826	24,218
Kentucky.....	173	3	170	8	13	149	17.4	2,958	226	2,593	44.4	1,313	1,151	100	1,251
Tennessee.....	140	2	138	6	9	123	15.9	2,194	143	1,956	44.9	985	878	64	942
Alabama.....	122	5	117	2	20	99	16.3	1,907	326	1,614	43.7	833	705	142	847
Mississippi.....	76	4	72	2	24	50	16.3	1,173	391	815	46.2	542	377	181	558
Arkansas.....	70	3	67	12	7	72	15.2	1,018	106	1,094	42.1	429	461	45	506
Louisiana.....	46	2	44	3	9	38	15.5	683	140	589	50.9	348	300	71	371
Oklahoma.....	365	9	356	4	20	332	15.7	5,589	314	5,212	42.9	2,398	2,236	135	2,371
Texas.....	3,018	49	2,969	70	122	2,777	16.0	47,504	1,952	44,432	40.0	19,002	17,773	781	18,554
South Central.....	4,010	77	3,933	69	224	3,640	16.0	63,026	3,598	58,305	41.0	25,850	23,881	1,519	25,400
Montana.....	113	1	112	3	12	97	16.9	1,893	203	1,639	48.7	922	798	99	897
Idaho.....	141	2	139	6	5	128	17.8	2,474	89	2,278	45.8	1,133	1,043	41	1,084
Wyoming.....	118	0	118	6	4	108	16.8	1,982	67	1,814	45.4	900	824	30	854
Colorado.....	562	2	560	10	20	530	17.6	9,856	352	9,328	46.3	4,563	4,319	163	4,482
New Mexico.....	94	1	93	2	9	82	17.0	1,581	153	1,394	43.0	680	599	66	665
Arizona.....	50	1	49	1	10	40	18.2	892	182	728	47.2	421	344	86	430
Utah.....	1,049	1	1,048	82	6	960	20.3	21,275	122	19,488	45.7	9,723	8,906	56	8,962
Nevada.....	30	0	30	1	2	27	19.9	597	40	537	45.9	274	246	18	264
Washington.....	1,065	5	1,060	47	14	999	19.6	20,775	274	19,580	45.0	9,349	8,811	123	8,934
Oregon.....	1,475	9	1,466	149	18	1,299	19.9	29,173	358	25,850	44.4	12,953	11,477	159	11,636
California.....	4,706	13	4,693	331	62	4,300	20.6	96,676	1,277	88,580	46.7	45,148	41,367	596	41,963
Western.....	9,403	35	9,368	636	162	8,570	20.0	187,174	3,117	171,216	46.0	86,066	78,734	1,437	80,171
United States.....	31,788	218	31,570	1,090	753	29,727	18.2	575,710	13,040	541,752	46.7	268,430	252,833	5,967	258,800

TURKEYS

<sup>1</sup> Total poult hatched, less death loss of poult and young turkeys during the year.

<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

<sup>1</sup> Change in Jan. 1 inventory numbers during the year.

<sup>2</sup> Turkeys consumed in households of farm producers.

<sup>3</sup> Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

TABLE 589.—*Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1949*

State and division	Number							Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed on farms <sup>6</sup>	Gross income <sup>6</sup>
	Raised <sup>1</sup>	Loss of mature birds <sup>2</sup>	Pro-duced <sup>3</sup>	Change in in-ventory <sup>4</sup>		Con-sumed in farm house-hold <sup>5</sup>	Sold		Pro-duced	Con-sumed in farm house-hold <sup>5</sup>	Sold					
				Increase	Decrease											
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	45	0	45	1	-----	1	43	17.5	788	18	752	36.8	290	277	7	284
New Hampshire.....	69	1	68	3	-----	2	63	17.6	1,197	35	1,109	40.0	479	444	14	458
Vermont.....	121	1	120	3	-----	2	115	17.8	2,136	36	2,047	38.7	827	792	14	806
Massachusetts.....	335	3	332	4	-----	6	322	17.0	5,644	102	5,474	41.4	2,337	2,266	42	2,308
Rhode Island.....	54	0	54	-----	-----	1	53	17.6	599	18	581	41.7	250	242	8	250
Connecticut.....	206	2	204	4	-----	4	196	18.1	3,692	72	3,548	42.6	1,573	1,511	31	1,542
New York.....	809	7	802	-----	-----	14	788	17.5	14,035	245	13,790	46.4	6,512	6,399	114	6,513
New Jersey.....	400	2	398	6	-----	9	383	17.3	6,886	156	6,626	46.8	3,223	3,101	73	3,174
Pennsylvania.....	1,378	7	1,371	8	-----	24	1,339	17.7	24,267	425	23,700	43.7	10,605	10,357	186	10,543
North Atlantic.....	3,397	23	3,374	29	-----	63	3,282	17.6	59,244	1,107	57,627	44.1	26,096	25,389	489	25,878
Ohio.....	1,186	8	1,178	5	-----	13	1,160	17.3	20,379	225	20,068	37.3	7,601	7,485	84	7,569
Indiana.....	1,241	5	1,236	-----	9	9	1,236	18.5	22,866	166	22,866	37.1	8,483	8,483	62	8,545
Illinois.....	1,118	7	1,111	18	-----	10	1,083	18.6	20,665	186	20,144	40.1	8,287	8,078	75	8,153
Michigan.....	975	6	969	11	-----	15	943	17.8	17,248	267	16,785	37.5	6,468	6,294	100	6,394
Wisconsin.....	606	2	604	11	-----	10	583	19.2	11,597	192	11,194	38.1	4,418	4,265	73	4,338
East North Central.....	5,126	28	5,098	36	-----	57	5,005	18.2	92,755	1,036	91,057	38.0	35,257	34,605	394	34,999
Minnesota.....	3,669	14	3,655	68	-----	25	3,562	19.2	70,176	480	68,390	35.4	24,842	24,210	170	24,380
Iowa.....	2,848	13	2,835	97	-----	7	2,731	20.0	56,700	140	54,620	35.3	20,015	19,281	49	19,330
Missouri.....	1,572	16	1,556	91	-----	14	1,451	18.5	28,787	259	26,844	33.2	9,557	8,912	86	8,998
North Dakota.....	775	3	772	4	-----	48	720	16.6	12,815	797	11,952	34.1	4,370	4,076	272	4,348
South Dakota.....	281	2	279	10	-----	28	241	16.0	4,464	448	3,856	32.6	1,455	1,257	146	1,403
Nebraska.....	931	3	928	23	-----	12	893	19.0	17,632	228	16,967	33.7	5,942	5,718	77	5,795
Kansas.....	742	8	734	44	-----	19	671	18.8	13,799	357	12,615	33.7	4,650	4,251	120	4,371
West North Central.....	10,818	59	10,759	337	-----	153	10,269	19.0	204,373	2,709	195,244	34.7	70,831	67,705	920	68,629

Delaware.....	70	1	69	-----	2	67	17.8	1,229	36	1,193	42.3	520	505	15	520
Maryland.....	417	4	413	-----	17	393	18.1	7,457	308	7,113	41.8	3,117	2,973	129	3,102
Virginia.....	1,526	9	1,517	38	24	1,455	15.1	22,906	362	21,970	37.2	8,521	8,173	135	8,308
West Virginia.....	682	4	678	34	7	637	15.7	10,645	110	10,001	38.8	4,130	3,880	43	3,923
North Carolina.....	486	3	483	8	18	457	17.1	8,260	308	7,815	36.4	3,007	2,845	112	2,957
South Carolina.....	714	5	709	5	13	691	17.2	12,195	224	11,885	40.0	4,878	4,754	90	4,844
Georgia.....	280	2	278	-----	16	262	17.5	4,865	280	4,585	39.7	1,931	1,820	111	1,931
Florida.....	125	2	123	3	10	110	16.4	2,017	164	1,804	40.2	811	725	66	791
South Atlantic.....	4,300	30	4,270	91	107	4,072	16.3	69,574	1,792	66,366	38.7	26,915	25,675	701	26,376
Kentucky.....	216	4	212	21	13	178	17.4	3,688	226	3,097	36.8	1,357	1,140	83	1,223
Tennessee.....	182	2	180	8	9	163	16.4	2,952	148	2,673	34.8	1,027	930	52	982
Alabama.....	146	5	141	2	25	114	16.7	2,355	418	1,904	37.7	888	718	158	876
Mississippi.....	95	4	91	1	20	70	16.5	1,501	330	1,155	37.7	566	435	124	559
Arkansas.....	165	2	163	3	8	152	16.4	2,673	131	2,493	31.4	839	783	41	824
Louisiana.....	58	2	56	1	10	45	16.0	896	160	720	44.1	395	318	71	389
Oklahoma.....	474	11	463	25	21	417	17.0	7,871	357	7,089	32.0	2,519	2,268	114	2,382
Texas.....	4,225	63	4,162	-----	125	4,052	17.4	72,419	2,175	70,505	30.2	21,871	21,293	657	21,950
South Central.....	5,561	93	5,468	46	231	5,191	17.3	94,355	3,945	89,636	31.1	29,462	27,885	1,300	29,185
Montana.....	130	1	129	-----	18	114	17.2	2,219	310	1,961	36.4	808	714	113	827
Idaho.....	268	3	265	-----	6	259	17.8	4,717	107	4,610	34.2	1,613	1,577	37	1,614
Wyoming.....	124	1	123	-----	6	124	17.6	2,165	106	2,182	36.7	795	801	39	840
Colorado.....	759	2	757	20	19	718	18.7	14,156	355	13,427	36.6	5,181	4,914	130	5,044
New Mexico.....	103	2	101	-----	9	94	17.6	1,777	158	1,654	34.5	613	571	55	626
Arizona.....	60	1	59	1	10	48	18.8	1,109	188	902	36.9	409	333	69	402
Utah.....	1,752	2	1,750	-----	7	1,746	20.8	36,401	146	36,317	30.5	11,102	11,077	45	11,122
Nevada.....	32	0	32	-----	1	31	20.0	640	40	620	32.2	206	200	13	213
Washington.....	1,118	6	1,112	-----	14	1,098	20.0	22,240	280	21,960	32.2	7,161	7,071	90	7,161
Oregon.....	1,593	16	1,577	-----	22	1,563	20.1	31,697	442	31,416	31.6	10,016	9,927	140	10,067
California.....	6,824	32	6,792	44	74	6,674	20.8	141,273	1,539	138,819	33.3	47,044	46,227	512	46,739
Western.....	12,763	66	12,697	41	187	12,469	20.4	258,394	3,671	253,868	32.9	84,948	83,412	1,243	84,655
United States.....	41,965	299	41,666	580	798	40,288	18.7	778,695	14,260	753,798	35.1	273,509	264,671	5,047	269,718

<sup>1</sup> Total poults hatched, less death loss of poults and young turkeys during the year.

<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup> Change in Jan. 1 inventory numbers during the year.

<sup>5</sup> Turkeys consumed in households of farm producers.

<sup>6</sup> Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

TURKEYS

TABLE 590.—*Turkeys: Farm production, disposition, cash receipts, and gross income, United States, 1930-49*

Year	Number							Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed on farms <sup>5</sup>	Gross income <sup>6</sup>
	Raised <sup>1</sup>	Loss of mature birds <sup>2</sup>	Pro-duced <sup>3</sup>	Change in in-ventory <sup>4</sup>		Con-sumed in farm house-hold <sup>5</sup>	Sold	Pro-duced	Con-sumed in farm house-hold <sup>5</sup>	Sold					
				Increase	Decrease										
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930.....	17,419	367	17,052		651	1,704	15,999	228,146	22,684	214,186	20.0	49,475	46,323	4,901	51,224
1931.....	18,249	326	17,923	628		1,549	15,746	243,982	20,945	214,376	19.1	47,297	41,590	4,025	45,615
1932.....	22,333	369	21,964	906		1,665	19,393	302,940	22,861	267,600	12.7	42,950	37,946	3,251	41,197
1933.....	23,241	428	22,813		543	1,623	21,733	319,231	22,585	304,251	11.6	37,584	35,788	2,624	38,412
1934.....	21,702	392	21,310		810	1,505	20,615	299,597	20,973	289,755	15.1	43,622	42,098	2,984	45,082
1935.....	20,821	334	20,487	232		1,428	18,827	297,960	20,462	273,846	20.1	57,002	52,412	3,812	56,224
1936.....	27,981	339	27,642	627		1,485	25,530	405,418	21,413	374,359	15.6	66,663	61,533	3,437	64,970
1937.....	25,755	364	25,391		261	1,425	24,227	375,828	20,733	358,880	18.1	66,213	63,406	3,527	66,933
1938.....	26,887	340	26,547	395		1,291	24,861	395,017	18,811	370,223	17.5	70,477	66,192	3,261	69,453
1939.....	33,587	386	33,201	2,083		1,297	29,821	494,019	18,817	443,806	15.7	78,510	70,715	2,909	73,624
1940.....	34,047	475	33,572		1,376	1,170	33,778	505,527	17,140	509,435	15.2	76,835	77,319	2,575	79,894
1941.....	32,902	405	32,497	292		996	31,209	516,527	15,427	495,502	19.9	102,645	98,387	3,021	101,408
1942.....	32,805	446	32,359		885	824	32,420	525,899	12,981	527,275	27.5	144,332	144,760	3,497	148,257
1943.....	32,309	455	31,854	829		747	30,278	516,673	11,664	490,188	32.6	168,982	160,044	3,811	163,855
1944.....	35,616	446	35,170		226	647	34,749	591,342	10,434	584,599	34.0	201,165	198,731	3,564	202,295
1945.....	44,221	430	43,791	1,290		711	41,790	762,487	11,898	728,173	33.6	256,720	244,975	4,054	249,029
1946.....	40,724	433	40,291		1,843	744	41,390	720,177	12,782	742,894	36.2	261,694	269,041	4,683	273,724
1947.....	34,970	322	34,648		2,200	743	36,105	625,663	12,877	652,768	36.4	227,507	237,361	4,689	242,050
1948.....	31,788	218	31,570	1,090		753	29,727	575,710	13,040	541,752	46.7	268,430	252,833	5,967	258,800
1949 <sup>7</sup> .....	41,965	299	41,666	580		798	40,288	778,695	14,260	753,798	35.1	273,509	264,671	5,047	269,718

<sup>1</sup> Total poult hatched, less death loss of poults and young turkeys during the year.

<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup> Change in Jan. 1 inventory numbers during the year.

<sup>5</sup> Turkeys consumed in households of farm producers.

<sup>6</sup> Value of cash receipts, plus value of those consumed in households of producers.

<sup>7</sup> Preliminary.

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TABLE 591.—*Turkeys: Average live weight of birds sold, United States, 1940-49*

Year	Hens	Toms	All	Year	Hens	Toms	All
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1940.....	12.1	18.1	15.1	1945.....	13.5	21.4	17.4
1941.....	12.7	19.1	15.9	1946.....	13.8	22.0	17.9
1942.....	13.0	19.6	16.3	1947.....	13.8	22.4	18.1
1943.....	12.9	19.5	16.2	1948.....	13.9	22.5	18.2
1944.....	13.2	20.4	16.8	1949.....	14.2	23.2	18.7

Bureau of Agricultural Economics. Data for 1930-39 on all turkeys in Agricultural Statistics, 1948, table 580.

TABLE 592.—*Turkeys (dressed weight): Supply, distribution, and per capita consumption, United States, 1930-49*

Year	Production <sup>1</sup>	Commercial cold storage stocks at beginning of year	Imports	Commercial cold storage stocks at end of year	Consumption <sup>2</sup>	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1930.....	216	10	1	5	222	1.8
1931.....	214	5	5	10	214	1.7
1932.....	264	10	1	15	260	2.1
1933.....	298	15	( <sup>3</sup> )	16	297	2.4
1934.....	284	16	( <sup>3</sup> )	19	281	2.2
1935.....	267	19	( <sup>3</sup> )	17	269	2.1
1936.....	361	17	1	35	344	2.7
1937.....	346	35	( <sup>3</sup> )	26	355	2.7
1938.....	355	26	( <sup>3</sup> )	23	358	2.7
1939.....	422	23	( <sup>3</sup> )	52	393	3.0
1940.....	479	52	( <sup>3</sup> )	61	470	3.5
1941.....	465	61	1	50	469	3.5
1942.....	492	50	1	36	484	3.7
1943.....	457	36	3	37	430	3.3
1944.....	541	37	5	72	426	3.3
1945.....	673	72	4	108	555	4.3
1946.....	687	108	( <sup>3</sup> )	128	632	4.5
1947.....	606	128	2	83	643	4.5
1948.....	505	83	7	51	536	3.6
1949 <sup>4</sup> .....	699	51	3	118	606	4.1

<sup>1</sup> 91 percent of live weight. Sales, plus consumption on farms.

<sup>2</sup> Does not allow for exports; data not available. Beginning 1941 consumption figures apply only to civilian population.

<sup>3</sup> Less than 500,000 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 593.—*Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1948*

State and division	Hens and pullets		Rate of lay		Eggs produced	Eggs used for farm hatching	Consumed in farm household <sup>3</sup>	Eggs sold	Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed on farms <sup>3</sup>	Gross income <sup>4</sup>
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 <sup>1</sup>	Per layer during year <sup>2</sup>									
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	2,455	2,065	163	194	400	1	41	358	65.7	21,900	19,600	2,245	21,845
New Hampshire.....	2,191	1,850	160	190	351	2	21	328	67.0	19,597	18,313	1,172	19,485
Vermont.....	968	786	164	202	159	1	27	131	64.3	8,520	7,019	1,447	8,466
Massachusetts.....	4,690	3,915	167	200	784	2	44	738	67.3	43,969	41,389	2,468	43,857
Rhode Island.....	543	442	160	197	87	( <sup>5</sup> )	6	81	66.7	4,836	4,502	333	4,835
Connecticut.....	3,264	2,580	152	192	496	2	31	463	66.9	27,652	25,812	1,728	27,540
New York.....	15,789	12,216	142	183	2,237	2	197	2,038	60.7	113,155	103,089	9,965	113,054
New Jersey.....	9,886	8,043	150	185	1,487	6	43	1,438	62.8	77,820	75,255	2,250	77,505
Pennsylvania.....	21,250	17,719	146	175	3,096	6	245	2,845	58.0	149,640	137,508	11,842	149,350
North Atlantic.....	61,036	49,616	149	183	9,097	22	655	8,420	61.6	467,089	432,487	33,450	465,937
Ohio.....	18,294	14,716	142	177	2,599	4	320	2,275	47.4	102,660	89,862	12,640	102,502
Indiana.....	15,670	12,660	141	173	2,195	3	249	1,943	43.1	78,837	69,786	8,943	78,729
Illinois.....	21,139	16,572	128	164	2,712	5	332	2,375	40.9	92,434	80,948	11,316	92,264
Michigan.....	11,046	8,811	134	168	1,482	2	212	1,268	49.4	61,009	52,199	8,727	60,926
Wisconsin.....	17,047	14,611	146	170	2,488	3	258	2,227	44.9	93,093	83,327	9,664	92,981
East North Central.....	83,096	67,370	138	170	11,476	17	1,371	10,088	44.7	428,033	376,122	51,280	427,402
Minnesota.....	27,605	22,148	141	175	3,885	3	307	3,575	40.3	130,471	120,060	10,310	130,370
Iowa.....	32,005	25,331	136	171	4,339	6	355	3,978	40.0	144,633	132,600	11,833	144,433
Missouri.....	21,512	16,693	127	164	2,731	12	351	2,368	38.8	88,302	76,565	11,349	97,914
North Dakota.....	4,731	3,616	113	147	533	1	116	416	36.2	16,079	12,549	3,499	16,048
South Dakota.....	8,845	7,087	127	158	1,119	2	115	1,002	36.3	33,850	30,310	3,479	33,789
Nebraska.....	13,876	11,115	131	163	1,811	4	204	1,603	37.5	56,594	50,094	6,375	56,469
Kansas.....	14,806	12,013	134	165	1,985	6	263	1,716	38.4	63,520	54,912	8,416	63,328
West North Central.....	123,380	98,003	133	167	16,403	34	1,711	14,658	39.1	533,449	477,090	55,261	532,351

Delaware.....	979	803	136	166	133	( <sup>1</sup> )	12	121	56.5	6,262	5,697	565	6,262
Maryland.....	3,879	3,117	130	161	503	1	60	442	52.4	21,964	19,301	2,620	21,921
Virginia.....	9,157	7,156	126	161	1,151	5	227	919	49.2	47,191	37,679	9,307	46,886
West Virginia.....	3,664	2,977	128	158	470	2	116	352	51.2	20,053	15,019	4,949	19,968
North Carolina.....	8,998	6,926	103	133	923	8	314	601	50.3	38,689	25,192	13,162	38,354
South Carolina.....	3,862	2,876	83	111	319	6	140	173	53.4	14,196	7,698	6,230	13,928
Georgia.....	7,240	5,313	83	114	604	10	220	374	53.1	26,727	16,550	9,735	26,285
Florida.....	2,298	1,837	105	132	242	2	59	181	57.6	11,616	8,688	2,832	11,520
South Atlantic.....	40,077	31,005	108	140	4,345	34	1,148	3,163	51.5	186,698	135,824	49,400	185,224
Kentucky.....	10,714	7,987	112	151	1,203	11	312	880	42.4	42,506	31,093	11,024	42,117
Tennessee.....	9,930	7,657	102	133	1,015	13	282	720	43.7	36,963	26,220	10,270	36,490
Alabama.....	6,644	5,363	94	116	622	9	234	379	47.2	24,465	14,907	9,204	24,111
Mississippi.....	6,343	4,919	79	102	503	15	171	317	46.5	19,491	12,284	6,626	18,910
Arkansas.....	6,600	5,046	89	116	587	7	213	367	43.3	21,181	13,243	7,686	20,929
Louisiana.....	3,799	2,920	82	107	313	8	123	182	47.6	12,416	7,219	4,879	12,098
Oklahoma.....	10,475	8,397	123	153	1,286	7	256	1,023	40.6	43,510	34,611	8,661	43,272
Texas.....	26,013	20,363	107	136	2,774	17	528	2,229	42.9	9,917	79,687	18,876	98,563
South Central.....	80,518	62,652	103	133	8,303	87	2,119	6,097	43.2	299,702	219,264	77,226	296,490
Montana.....	1,777	1,461	129	157	230	1	65	164	46.2	8,855	6,314	2,502	8,816
Idaho.....	2,095	1,800	147	171	308	1	53	254	51.2	13,141	10,837	2,261	13,098
Wyoming.....	766	621	136	167	104	( <sup>2</sup> )	24	80	45.7	3,961	3,047	914	3,961
Colorado.....	3,295	2,564	125	160	411	2	86	323	43.2	14,796	11,628	3,096	14,724
New Mexico.....	1,130	877	115	148	130	1	38	91	48.0	5,200	3,640	1,520	5,160
Arizona.....	649	540	131	157	85	( <sup>3</sup> )	15	70	62.5	4,427	3,646	781	4,427
Utah.....	2,886	2,582	151	169	436	1	41	394	51.4	18,675	16,876	1,756	18,632
Nevada.....	279	249	154	173	43	( <sup>3</sup> )	7	36	54.7	1,960	1,641	319	1,960
Washington.....	4,764	3,838	151	188	721	3	113	605	59.4	35,690	29,948	5,594	35,542
Oregon.....	3,149	2,542	144	178	452	2	84	366	57.6	21,696	17,568	4,032	21,600
California.....	17,568	14,447	149	181	2,614	12	180	2,422	54.8	119,373	110,605	8,220	118,825
Western.....	38,358	31,521	144	176	5,534	23	706	4,805	53.9	247,774	215,750	30,995	246,745
United States.....	426,465	340,167	129	162	55,158	217	7,710	47,231	47.2	2,162,745	1,856,537	297,612	2,154,149

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.  
<sup>5</sup> Less than half a million.

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TABLE 594.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1949

State and division	Hens and pullets		Rate of lay		Eggs produced	Eggs used for farm hatching	Consumed in farm household <sup>3</sup>	Eggs sold	Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed on farms <sup>4</sup>	Gross income <sup>4</sup>
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 <sup>1</sup>	Per layer during year <sup>2</sup>									
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	2,551	2,231	167	190	425	1	43	381	59.2	20,967	18,796	2,121	20,917
New Hampshire.....	2,256	2,030	172	191	387	1	21	365	60.0	19,350	18,250	1,050	19,300
Vermont.....	928	815	179	204	166	( <sup>5</sup> )	26	140	58.1	8,037	6,778	1,259	8,037
Massachusetts.....	4,676	4,137	177	200	829	2	47	780	61.5	42,486	39,975	2,409	42,384
Rhode Island.....	527	463	169	192	89	( <sup>5</sup> )	6	83	60.1	4,457	4,157	300	4,457
Connecticut.....	3,093	2,591	165	197	511	1	32	478	60.2	25,635	23,980	1,605	25,585
New York.....	15,028	12,408	155	187	2,324	4	197	2,123	56.4	109,228	99,781	9,259	109,040
New Jersey.....	10,486	8,764	156	187	1,638	5	43	1,590	58.4	79,716	77,380	2,093	79,473
Pennsylvania.....	21,321	17,537	145	177	3,097	7	247	2,843	53.3	137,559	126,277	10,971	137,248
North Atlantic.....	60,866	50,976	156	186	9,466	21	662	8,783	56.8	447,435	415,374	31,067	446,441
Ohio.....	17,435	14,419	148	179	2,578	4	314	2,260	44.5	95,601	83,808	11,644	95,452
Indiana.....	15,291	12,818	146	175	2,239	5	254	1,980	41.0	76,499	67,650	8,678	76,328
Illinois.....	20,465	16,727	137	167	2,800	5	339	2,456	39.7	92,633	81,253	11,215	92,468
Michigan.....	10,477	9,076	149	172	1,563	2	214	1,347	45.1	58,743	50,625	8,043	58,668
Wisconsin.....	16,730	14,344	148	172	2,474	3	253	2,218	42.7	88,033	78,924	9,003	87,927
East North Central....	80,398	67,384	145	173	11,654	19	1,374	10,261	42.4	411,509	362,260	48,583	410,843
Minnesota.....	26,303	21,528	147	179	3,858	4	298	3,556	39.0	125,385	115,570	9,685	125,255
Iowa.....	30,902	25,103	142	175	4,398	6	362	4,030	38.6	141,469	129,632	11,644	141,276
Missouri.....	21,065	17,263	133	163	2,811	10	365	2,436	38.4	89,952	77,952	11,680	89,632
North Dakota.....	4,261	3,511	124	150	528	1	114	413	36.1	15,884	12,424	3,429	15,853
South Dakota.....	8,083	6,675	131	159	1,060	2	113	945	36.3	32,065	28,586	3,418	32,004
Nebraska.....	12,828	10,408	135	167	1,733	4	208	1,521	37.3	53,867	47,278	6,465	53,743
Kansas.....	13,939	11,770	138	163	1,918	5	266	1,647	38.1	60,896	52,292	8,446	60,738
West North Central....	117,381	96,258	139	169	16,306	32	1,726	14,548	38.3	519,518	463,734	54,767	518,501

Delaware.....	934	825	151	171	141	( <sup>5</sup> )	12	129	49.8	5,852	5,354	498	5,852
Maryland.....	3,734	3,152	141	167	526		62	463	48.8	21,391	18,829	2,521	21,350
Virginia.....	8,830	7,305	137	165	1,206	4	234	968	48.1	48,340	38,801	9,379	48,180
West Virginia.....	3,641	3,005	137	166	498	2	124	372	48.7	20,210	15,097	5,032	20,129
North Carolina.....	9,252	7,341	109	137	1,009	8	390	681	48.6	40,864	27,580	12,960	40,540
South Carolina.....	3,833	2,909	89	118	342	5	144	193	51.7	14,734	8,315	6,204	14,519
Georgia.....	6,974	5,432	93	119	648	9	224	415	50.6	27,324	17,499	9,445	26,944
Florida.....	2,357	1,811	106	137	249	2	55	192	55.1	11,433	8,816	2,525	11,341
South Atlantic.....	39,555	31,780	117	145	4,619	31	1,175	3,413	49.3	190,148	140,291	48,564	188,855
Kentucky.....	10,565	7,746	118	161	1,248	10	334	904	40.3	41,912	30,359	11,217	41,576
Tennessee.....	9,617	7,503	109	140	1,047	12	288	747	42.3	36,907	26,332	10,152	36,484
Alabama.....	6,516	5,121	93	119	608	9	236	363	46.0	23,307	13,915	9,047	22,962
Mississippi.....	6,225	5,056	87	107	542	15	181	346	43.2	19,512	12,456	6,516	18,972
Arkansas.....	6,199	4,981	95	118	590	8	219	363	42.0	20,650	12,705	7,665	20,370
Louisiana.....	3,920	2,918	84	113	331	8	130	193	45.6	12,578	7,334	4,940	12,274
Oklahoma.....	9,609	7,927	126	153	1,211	7	264	940	39.9	40,266	31,255	8,778	40,033
Texas.....	23,292	19,769	121	143	2,826	18	554	2,254	42.5	100,088	79,829	19,621	99,450
South Central.....	75,943	61,021	111	138	8,403	87	2,206	6,110	42.1	295,220	214,185	77,936	292,121
Montana.....	1,778	1,444	128	157	227	1	64	162	44.9	8,494	6,062	2,395	8,457
Idaho.....	1,997	1,610	136	169	272	1	54	217	46.9	10,631	8,481	2,110	10,591
Wyoming.....	736	615	139	166	102	( <sup>5</sup> )	23	79	45.1	3,833	2,969	864	3,833
Colorado.....	3,130	2,562	133	163	417	1	83	333	43.6	15,151	12,099	3,016	15,115
New Mexico.....	969	801	125	151	121	1	39	81	47.9	4,830	3,233	1,557	4,790
Arizona.....	607	480	124	156	75	( <sup>5</sup> )	15	60	60.1	3,756	3,005	751	3,756
Utah.....	2,918	2,652	151	167	442	1	39	402	47.6	17,533	15,946	1,547	17,493
Nevada.....	265	241	151	166	40	( <sup>5</sup> )	7	33	52.9	1,763	1,455	309	1,764
Washington.....	4,926	4,124	160	191	788	2	113	673	54.5	35,788	30,565	5,132	35,697
Oregon.....	2,997	2,550	155	182	465	2	91	372	52.8	20,460	16,368	4,004	20,372
California.....	18,531	16,572	161	180	2,985	8	185	2,792	51.4	127,857	119,591	7,924	127,515
Western.....	38,854	33,651	153	176	5,934	17	713	5,204	50.7	250,096	219,774	29,609	249,383
United States.....	412,997	341,070	137	165	56,382	207	7,856	48,319	45.1	2,113,926	1,815,618	290,526	2,106,144

<sup>1</sup> Number of eggs produced during the year, divided by number and hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Less than half a million.

Bureau of Agricultural Economics.

TABLE 595.—*Eggs: Farm production, disposition, cash receipts, and gross income, United States, 1930-49*

Year	Hens and pullets		Rate of lay		Eggs				Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed on farms <sup>2</sup>	Gross income <sup>4</sup>
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 <sup>1</sup>	Per layer during year <sup>2</sup>	Total produced	Used for farm hatching	Consumed in farm household <sup>3</sup>	Sold					
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1930.....	420,451	321,893	93	121	39,067	935	7,519	30,613	23.7	768,269	605,805	144,798	750,603
1931.....	401,776	303,008	96	127	38,532	909	7,995	29,628	17.6	558,682	434,314	111,758	546,072
1932.....	385,826	299,055	94	121	36,298	891	7,992	27,415	14.2	422,004	324,362	87,973	412,335
1933.....	390,743	299,717	91	118	35,514	855	7,922	26,737	13.8	403,425	308,575	85,740	394,315
1934.....	385,341	290,678	89	118	34,429	757	7,406	26,266	17.0	483,731	372,876	100,685	473,561
1935.....	350,407	276,406	96	122	33,609	665	7,205	25,739	23.4	648,136	501,551	134,283	635,834
1936.....	362,619	284,885	95	121	34,534	670	7,416	26,448	21.8	622,175	480,808	129,701	610,509
1937.....	379,754	288,003	99	130	37,564	518	7,884	29,162	21.3	660,370	517,418	134,164	651,582
1938.....	352,964	275,918	106	135	37,356	528	8,204	28,624	20.3	624,914	485,092	131,436	616,528
1939.....	376,141	289,555	103	134	38,843	513	8,238	30,092	17.4	558,155	437,386	113,707	551,093
1940.....	392,655	296,595	101	134	39,695	436	8,035	31,224	18.0	588,440	467,620	114,591	582,211
1941.....	381,315	300,862	110	139	41,878	431	7,652	33,795	23.5	815,369	663,014	144,247	807,261
1942.....	427,911	341,639	114	142	48,597	432	7,425	40,740	30.0	1,206,904	1,017,358	179,117	1,196,475
1943.....	488,959	382,986	112	142	54,539	479	7,349	46,711	37.1	1,681,951	1,445,291	222,227	1,667,518
1944.....	523,587	395,792	112	148	58,530	364	7,711	50,455	32.5	1,580,547	1,365,083	205,587	1,570,670
1945.....	473,880	369,356	118	151	55,858	364	7,729	47,765	37.7	1,752,137	1,500,136	240,515	1,740,651
1946.....	474,233	359,603	117	155	55,590	275	8,026	47,289	37.5	1,737,640	1,478,733	250,214	1,728,947
1947.....	435,665	350,275	127	158	55,252	240	7,828	47,184	45.3	2,079,846	1,779,576	291,169	2,070,745
1948.....	426,465	340,167	129	162	55,158	217	7,710	47,231	47.2	2,162,745	1,856,537	297,612	2,154,149
1949 <sup>5</sup> .....	412,997	341,070	137	165	56,382	207	7,856	48,319	45.1	2,113,926	1,815,618	290,526	2,106,144

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 672.

TABLE 596.— *Eggs: Number produced in specified countries, average 1934-38, annual 1946-49*<sup>1</sup>

Continent and country	Average 1934-38	1946	1947	1948	1949
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada.....	2, 638	3, 883	4, 484	4, 274	3, 774
Panama.....			52		54
United States.....	35, 498	55, 590	55, 252	55, 158	56, 382
Cuba.....	320	300	288	276	318
Dominican Republic.....		60	60		
Europe:					
Albania.....	143				
Austria.....	663	270	285	350	400
Belgium.....	1, 693	1, 100	1, 250	1, 300	1, 500
Bulgaria.....	682				
Czechoslovakia <sup>2</sup> .....	1, 958	776	903	1, 110	1, 380
Denmark.....	1, 979	883	992	1, 392	1, 870
Finland.....	317	93	117	176	266
France.....	6, 200	6, 200	6, 300	6, 100	6, 800
Germany (Tri-zone).....	3, 700	2, 150	1, 976	2, 250	2, 800
Greece.....	550	349	376	384	390
Hungary.....	1, 050		650	750	
Ireland.....	1, 086	801	733	844	1, 014
Italy.....	5, 600	3, 600	4, 300	4, 450	4, 550
Luxembourg.....	40		30	35	40
Netherlands.....	1, 978	480	1, 052	1, 159	1, 480
Norway.....	369	155	198	276	375
Poland and Danzig.....	3, 500	2, 276			
Portugal.....	250				
Rumania.....	1, 500	<sup>3</sup> 532			
Spain.....	1, 700		1, 992	1, 800	1, 860
Sweden.....	900	1, 149	1, 217	1, 335	1, 555
Switzerland.....	423	391	442	520	559
United Kingdom—farm <sup>4</sup> .....	<sup>5</sup> 3, 871	2, 418	2, 600	3, 000	3, 500
total.....	<sup>5</sup> 5, 098	3, 850	4, 000	4, 300	5, 000
Yugoslavia.....	1, 000				
Asia:					
Lebanon.....		65	60	48	42
Palestine.....	108	200			
Syria.....	92	120	90	110	120
Turkey.....	1, 003	863		895	950
Japan.....	3, 553	936			
India.....		2, 794			1, 085
Pakistan.....		571		334	
Philippine Islands.....	645			605	645
South America:					
Argentina.....	1, 127				
Brazil.....				2, 160	
Chile.....		520	460	370	
Paraguay.....			100		
Uruguay.....	289	358	326	330	300
Africa:					
Egypt.....	751				
French Morocco.....	1, 000				
Union of South Africa.....			372		1, 200
Oceania:					
Australia <sup>6</sup> .....	708	1, 358	1, 470	1, 431	1, 443
New Zealand.....	430				450

<sup>1</sup> Relates to farm production in Canada and the United States, but data for many countries not explicit on this point.

<sup>2</sup> Postwar numbers possibly under reported.

<sup>3</sup> 58 countries.

<sup>4</sup> Year ending May of year indicated.

<sup>5</sup> 3-year average.

<sup>6</sup> Commercial production for year beginning in July of year reported.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States Foreign Service reports, and other information.

TABLE 597.—Eggs: Supply, distribution, and per capita consumption, United States, 1930-49

Year	Total egg production <sup>1</sup>	Com- mercial storage stocks at beginning of year <sup>2</sup>	Imports <sup>2</sup>	Exports <sup>2</sup>	Eggs used for hatching <sup>3</sup>	Com- mercial storage stocks at end of year <sup>2</sup>	Consumption <sup>4</sup>	
							Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1930.....	3,581	66	41	19	149	125	3,395	329
1931.....	3,532	125	24	8	135	109	3,429	331
1932.....	3,327	109	12	2	136	50	3,260	311
1933.....	3,255	50	10	2	137	72	3,104	295
1934.....	3,156	72	7	2	122	72	3,041	287
1935.....	3,081	72	22	2	124	85	2,963	278
1936.....	3,166	85	27	2	134	61	3,081	287
1937.....	3,443	61	32	3	115	112	3,307	306
1938.....	3,424	112	6	2	124	59	3,357	308
1939.....	3,561	59	5	3	133	74	3,415	311
1940.....	3,638	74	7	5	129	77	3,508	317
1941.....	3,839	77	15	157	157	75	3,435	311
1942.....	4,455	75	3	467	183	75	3,484	316
1943.....	4,999	75	1	700	220	100	3,739	346
1944.....	5,365	100	1	741	183	80	3,768	350
1945.....	5,120	80	2	439	211	61	4,295	397
1946.....	5,098	61	1	374	170	109	4,338	374
1947.....	5,065	109	1	239	175	73	4,538	379
1948.....	5,056	73	2	137	170	73	4,706	386
1949 <sup>5</sup> .....	5,168	73	8	73	210	53	4,656	376

<sup>1</sup> Includes nonfarm production, estimated at 10 percent of farm production.<sup>2</sup> Shell-egg equivalent of eggs and egg products.<sup>3</sup> Estimated from the total number of chickens raised in the United States and the average number of eggs required per bird raised.<sup>4</sup> Beginning 1941 consumption figures apply only to civilian population.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 598.—Eggs, shell: Receipts at 6 markets, by rail and truck, 1940-49 <sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1940.....	4,552	1,937	6,489	1,965	3,397	5,362	667	583	1,250
1941.....	4,073	1,967	6,040	1,768	3,260	5,028	527	652	1,179
1942.....	3,644	2,271	5,915	1,757	3,451	5,218	388	707	1,095
1943.....	4,105	2,310	6,415	1,670	3,267	4,937	499	626	1,125
1944.....	3,777	2,810	6,587	1,911	2,808	4,719	381	718	1,099
1945.....	5,900	1,764	7,664	1,483	2,556	4,039	678	496	1,174
1946.....	5,520	2,294	7,814	2,272	3,314	5,586	635	602	1,237
1947.....	4,568	2,414	6,982	1,236	2,852	4,088	492	687	1,179
1948.....	3,497	2,870	6,367	1,848	3,845	5,694	448	870	1,318
1949.....	1,376	3,716	5,092	409	3,041	3,450	163	999	1,162
Year	Boston			San Francisco			Los Angeles		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1940.....	617	506	1,123	89	839	928	.....	.....	1,115
1941.....	592	641	1,233	132	864	996	.....	.....	1,174
1942.....	431	1,307	1,738	242	1,044	1,286	.....	.....	1,237
1943.....	754	1,493	2,247	523	773	1,296	.....	.....	1,216
1944.....	454	982	1,436	820	937	1,757	.....	.....	1,171
1945.....	757	538	1,295	635	741	1,376	.....	.....	1,234
1946.....	448	779	1,227	383	773	1,156	.....	.....	1,632
1947.....	405	853	1,258	370	766	1,136	.....	.....	1,579
1948.....	483	826	1,319	254	807	1,061	.....	.....	1,354
1949.....	204	1,104	1,308	152	933	1,085	.....	.....	1,286

<sup>1</sup> Includes intermarket shipments, reported in cases of 30 dozen.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.



TABLE 599.—*Eggs, shell: Receipts at 6 markets, by origin, 1948 and 1949*<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 cases</i>
Maine.....	1	2					209	215				
New Hampshire.....	1	4					121	243				
Vermont.....	1	23					58	68				
Massachusetts.....	1	3					245	304				
Rhode Island.....	5	21					9	9				
Connecticut.....	777	1,022			5	4	51	51				
New York.....	430	535			21	41	65	50				
New Jersey.....	820	870			403	458	1	1				
Pennsylvania.....	161	99			51	38	24	6	1		1	
Ohio.....	332	141	44	13	9	10	19	3				
Indiana.....	161	82	432	395	155	133	94	56	3	2	24	1
Illinois.....	2	14	5	5	1	1						
Michigan.....	36	20	1,725	1,379	18	4	13	11		1	1	
Wisconsin.....	1,279	697	1,570	761	373	211	87	40	59	70	89	61
Minnesota.....	2,106	1,388	1,472	818	139	147	251	204	75	50	49	42
Iowa.....	23	20	121	14	16	3	5	3	3	2	17	1
Missouri.....	15	6	72	7	4	1	2	3	1	4	2	2
North Dakota.....	26	12	138	25	26	24	10	3	3	3	8	4
South Dakota.....	20	13	69	11	16	11	6	15	75	36	98	54
Nebraska.....	7	6	23	5	1		37	18	34	13	117	59
Kansas.....	5	6			7	10						
Delaware.....												
District of Columbia.....	2	2										
Maryland.....	41	43			52	50						
Virginia.....	5	4			9	8						
West Virginia.....					1	1						
North Carolina.....	3	1			7	6						
South Carolina.....	1											
Florida.....		1	1			1						
Kentucky.....	11	14	1		2		2	4				
Tennessee.....	4		1						2		2	9
Mississippi.....	1										1	
Oklahoma.....											15	14
Texas.....											16	23
Montana.....	1	6	12	14					4	4	4	18
Idaho.....											1	
Colorado.....												
Arizona.....	75	30	1						3	6	298	310
Utah.....	1								12	3	1	
Oregon.....	2								785	891	610	688
California.....		2					1	4				
Canada.....												
Total.....	6,367	5,092	5,694	3,450	1,318	1,162	1,319	1,308	1,061	1,085	1,354	1,286

<sup>1</sup> Includes intermarket shipments. Reported in cases of 30 dozen. Parcel-post figures are included in totals as indicated: In 1948 receipts by parcel-post were: New York 2,000 cases; Chicago 5,000 cases; Boston 4,000 cases. In 1949 receipts by parcel-post were: New York 3,000 cases; Chicago 3,000 cases; Boston 3,000 cases.

Production and Marketing Administration.

TABLE 600.—*Eggs, shell: Average wholesale price per dozen, at 5 markets, 1940-49*

Market and grade	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
New York: <sup>1</sup> Fresh Firsts.....	20.3	26.6	33.6	( <sup>2</sup> )	<sup>3</sup> 41.0	<sup>4</sup> 44.6	<sup>4</sup> 44.8	<sup>5</sup> 53.6	<sup>5</sup> 54.0	52.2
Chicago: <sup>6</sup> Fresh Firsts.....	18.9	25.5	33.4	( <sup>2</sup> )	<sup>3</sup> 39.5	<sup>4</sup> 42.9	<sup>4</sup> 43.2	<sup>5</sup> 51.0	<sup>5</sup> 51.6	50.0
Philadelphia: U. S. Extras.....	27.3	32.4	40.5	42.3	<sup>3</sup> 40.5	<sup>4</sup> 44.7	<sup>4</sup> 44.6	<sup>5</sup> 53.2	<sup>5</sup> 54.1	52.5
Boston: Western Firsts.....	( <sup>7</sup> )	27.1	34.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )
San Francisco: U. S. Extras.....	24.0	31.2	39.8	47.6	<sup>8</sup> 45.6	<sup>8</sup> 48.3	<sup>8</sup> 50.5	<sup>8</sup> 59.4	<sup>8</sup> 60.5	55.8

<sup>1</sup> American Egg and Poultry Review, New York, 1939-42; subsequently U.S.D.A. quotations.<sup>2</sup> Prices comparable to former series not available on account of changes in grades under OPA Price Control.<sup>3</sup> Extras (grades 1-4) large, wholesale grade.<sup>4</sup> Grade of Extras, 1 and 2 large.<sup>5</sup> Grade of Extras, large.<sup>6</sup> Chicago Price Current 1939-42, and subsequently U.S.D.A. quotations.<sup>7</sup> Not available.<sup>8</sup> Grade "A."

Production and Marketing Administration.

TABLE 601.—*Egg futures: Volume of trading and annual average of month-end open contracts on all contract markets,<sup>1</sup> and highest and lowest prices per dozen, Chicago Mercantile Exchange, 1940-49*

Year	Volume of trading	Average of open contracts	Chicago Mercantile Exchange price <sup>2</sup>		Year	Volume of trading	Average of open contracts	Chicago Mercantile Exchange price <sup>2</sup>	
			Highest	Lowest				Highest	Lowest
	<i>Carlots</i>	<i>Carlots</i>	<i>Cents</i>	<i>Cents</i>		<i>Carlots</i>	<i>Carlots</i>	<i>Cents</i>	<i>Cents</i>
1940.....	35,452	1,626	23.55	13.85	1945.....	44,524	1,202	47.20	32.75
1941.....	54,694	2,223	34.80	14.50	1946.....	143,505	6,023	46.90	30.60
1942.....	19,079	1,141	37.90	31.30	1947.....	132,490	2,726	58.55	31.65
1943 <sup>3</sup> .....	1,547	130	44.50	35.60	1948.....	<sup>4</sup> 105,791	<sup>4</sup> 2,794	53.70	39.75
1944.....	28,144	1,204	42.05	31.95	1949.....	59,687	1,899	56.75	33.60

<sup>1</sup> Chicago Mercantile Exchange and New York Mercantile Exchange.<sup>2</sup> Refrigerator Standards, 1939-January 1943; Contract Grade No. 2, February-September 1943; and Refrigerator U.S. Extras from October 1943 to date.<sup>3</sup> Effective Feb. 1, 1943, unit of trading changed from 400 to 600-case carlots.<sup>4</sup> Effective on all contracts maturing on and after Feb. 1, 1949, unit of trading changed from 600 to 480-case carlots. (In 1948, trading includes 819 carlots of 480 cases.)

Commodity Exchange Authority. Trading and open contracts figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Mercantile Exchange.

TABLE 602.—*Liquid egg: Production and disposition, United States, 1940-49*

Year	Production	Disposition (in terms of liquid egg)			
		Frozen	Dried	For immediate consumption	Frozen eggs, later dried <sup>1</sup>
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1940.....	229,274	189,578	27,050	12,646	-----
1941.....	421,919	237,182	165,972	18,765	-----
1942.....	1,010,106	257,631	731,046	21,429	115,752
1943.....	1,221,012	412,615	782,080	26,317	159,346
1944.....	1,554,037	511,791	1,009,402	32,844	179,146
1945.....	681,571	397,580	265,287	18,704	122,167
1946.....	788,194	392,218	375,945	20,031	84,219
1947.....	682,480	371,096	295,567	15,817	20,538
1948.....	502,141	345,192	140,048	16,901	25,311
1949.....	587,656	318,227	250,601	18,828	32,395

## PRODUCTION BY CLASSES OF PRODUCT

Year	Whole	Mixed emulsions	Egg whites	Plain yolk	Sugared yolk	Salted yolk	Yolk emulsions
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1940.....	76,348	18,160	70,845	23,386	22,698	17,654	183
1941.....	213,932	33,332	94,932	34,175	29,534	15,611	403
1942.....	818,982	57,333	70,654	28,443	22,073	11,825	796
1943.....	1,008,703	70,124	78,151	29,338	21,432	10,994	2,270
1944.....	1,355,114	39,369	84,343	42,774	19,143	11,167	2,127
1945.....	514,468	31,281	77,893	32,979	16,636	6,652	1,672
1946.....	540,574	53,055	108,402	44,070	25,296	16,264	533
1947.....	481,821	42,214	89,114	23,285	24,733	21,000	313
1948.....	238,431	68,790	107,503	39,616	31,322	16,432	47
1949.....	374,747	64,471	88,768	19,944	20,004	17,632	2,090

<sup>1</sup> Included in column which shows total frozen.

Bureau of Agricultural Economics. Of the totals shown in this table, the following quantities of liquid, frozen, and dried eggs were processed under Government supervision in recent years: 537,898,763 pounds in 1946; 588,189,201 pounds in 1947; 345,227,208 pounds in 1948, and 481,692,694 pounds in 1949.

TABLE 603.—*Dried egg: Production in United States, 1940-49*

Year	Whole	Albumen	Yolk	Total	Year	Whole	Albumen	Yolk	Total
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>		<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1940.....	392	1,916	5,179	7,487	1945.....	96,988	1,710	7,164	105,862
1941.....	31,241	4,391	9,648	45,280	1946.....	115,344	2,112	7,988	125,444
1942.....	226,127	2,253	7,269	235,649	1947.....	80,037	1,493	4,031	85,561
1943.....	252,903	2,093	6,976	261,972	1948.....	36,019	2,678	5,578	44,275
1944.....	311,369	2,310	7,063	320,742	1949.....	69,411	2,266	4,285	75,962

Bureau of Agricultural Economics. Data for 1927-39 in Agricultural Statistics, 1943, table 461.

TABLE 604.—*Eggs and poultry: Volume graded by Federal and Federal-State graders, 1940-49*

Year	Shell eggs	Dressed poultry <sup>1</sup>	Dressed turkeys <sup>2</sup>	Year	Shell eggs	Dressed poultry <sup>1</sup>	Dressed turkeys <sup>2</sup>
	<i>50-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>		<i>50-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>
1940.....	3,322,120	18,921,129	37,625,536	1945.....	9,307,276	163,738,179	86,264,674
1941.....	5,054,515	23,684,057	46,678,648	1946.....	14,096,381	149,293,214	108,513,095
1942.....	4,646,864	47,875,344	52,182,867	1947.....	11,334,107	164,775,065	106,370,084
1943.....	6,693,975	70,271,923	67,106,162	1948.....	15,129,039	165,067,706	94,327,801
1944.....	13,696,136	113,580,769	44,520,374	1949.....	12,803,844	226,551,534	206,792,334

<sup>1</sup> Includes all classes of poultry except turkeys.<sup>2</sup> On basis of fiscal years ending June of year shown except figures beginning with 1944, which are on a calendar year basis.

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TABLE 605.—*Eggs: Volume graded for packaging with grade labels, 1940-49*<sup>1</sup>

Year	U. S. Grade AA <sup>2</sup>	U. S. Grade A <sup>3</sup>	U. S. Grade B <sup>4</sup>	Year	U. S. Grade AA <sup>2</sup>	U. S. Grade A <sup>3</sup>	U. S. Grade B <sup>4</sup>
	<i>50-dozen cases</i>	<i>50-dozen cases</i>	<i>50-dozen cases</i>		<i>50-dozen cases</i>	<i>50-dozen cases</i>	<i>50-dozen cases</i>
1940.....	86,102	159,321	93,622	1945.....	1,086,244	415,059	86,836
1941.....	78,507	170,605	116,487	1946.....	1,276,184	625,791	111,471
1942.....	65,935	208,726	150,329	1947.....	1,180,637	733,088	83,739
1943.....	333,696	220,637	127,095	1948.....	646,266	779,803	103,426
1944.....	626,942	410,235	119,675	1949.....	625,267	831,209	92,269

<sup>1</sup> The eggs in this tabulation are included in the data in table 604, showing total eggs graded.<sup>2</sup> Prior to 1943, designated as U. S. Specials.<sup>3</sup> Prior to 1943, designated as U. S. Extras.<sup>4</sup> Prior to 1943, designated as U. S. Standards.

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TABLE 606.—*Poultry and poultry products: Cold-storage holdings, United States, as of the calendar year high and low, 1940-49*

Calendar year	Shell eggs		Frozen eggs		Dried eggs <sup>1</sup>		Turkeys		Total poultry <sup>2</sup>	
	High (July 1)	Low (Feb. 1)	High (Aug. 1)	Low (Mar. 1)	High	Low	High (Feb. 1)	Low (Oct. 1)	High (Dec. 1)	Low (July 1)
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1940.....	<sup>3</sup> 7,784	57	154,947	38,070	-----	-----	65,467	<sup>4</sup> 11,870	<sup>5</sup> 167,643	<sup>6</sup> 76,904
1941.....	<sup>3</sup> 6,641	297	195,187	45,239	-----	-----	65,343	<sup>4</sup> 8,245	<sup>5</sup> 208,365	<sup>6</sup> 81,206
1942.....	7,935	331	290,529	73,766	-----	-----	59,641	8,009	<sup>5</sup> 218,392	79,200
1943.....	8,871	214	351,169	56,508	-----	-----	37,682	<sup>7</sup> 5,155	197,880	<sup>6</sup> 20,963
1944.....	11,335	<sup>5</sup> 675	388,547	<sup>8</sup> 81,712	<sup>9</sup> 110,137	<sup>10</sup> 42,647	<sup>9</sup> 67,506	22,347	268,128	<sup>6</sup> 122,729
1945.....	6,120	296	<sup>10</sup> 255,926	55,499	<sup>11</sup> 111,101	<sup>12</sup> 20,066	<sup>9</sup> 77,533	<sup>7</sup> 17,796	320,745	97,211
1946.....	9,871	<sup>5</sup> 113	<sup>10</sup> 265,050	<sup>8</sup> 111,721	<sup>12</sup> 20,339	<sup>13</sup> 7,003	<sup>11</sup> 134,548	44,719	<sup>9</sup> 363,954	<sup>6</sup> 173,905
1947.....	<sup>3</sup> 4,268	<sup>11</sup> 221	241,573	73,564	<sup>10</sup> 43,775	<sup>13</sup> 10,376	139,571	58,979	<sup>9</sup> 317,112	171,260
1948.....	5,669	<sup>5</sup> 196	<sup>10</sup> 266,748	120,665	<sup>5</sup> 33,207	<sup>6</sup> 3,865	82,912	<sup>7</sup> 13,275	<sup>9</sup> 317,463	<sup>6</sup> 88,234
1949.....	2,290	<sup>11</sup> 144	168,394	58,621	<sup>4</sup> 70,246	<sup>5</sup> 25,117	<sup>9</sup> 107,374	<sup>7</sup> 20,783	267,508	<sup>6</sup> 71,261

<sup>1</sup> Data not collected prior to 1944.<sup>2</sup> Includes stocks of turkeys and other poultry.<sup>3</sup> Aug. 1. <sup>4</sup> Nov. 1. <sup>5</sup> Jan. 1. <sup>6</sup> June 1. <sup>7</sup> Sept. 1. <sup>8</sup> Feb. 1. <sup>9</sup> Dec. 1. <sup>10</sup> July 1. <sup>11</sup> Mar. 1. <sup>12</sup> Oct. 1.

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## CHAPTER VIII

# STATISTICS OF FOREIGN TRADE IN AGRICULTURAL PRODUCTS

The term "foreign trade" applies to trade between the United States, including territories, and foreign countries. Trade between continental United States and territories is referred to as "shipments," and is not included in "foreign trade." The Philippine Islands and, prior to January 1, 1935, the Virgin Islands are included with foreign countries. Alaska, Hawaii, Puerto Rico, and since January 1, 1935, the Virgin Islands are territories.

Beginning January 1, 1940, trade with foreign countries through the customs district of the Virgin Islands is not included in United States trade statistics. Figures for shipments out of territories include small quantities to other territories. In statistics of foreign trade, forest products and distilled liquors are considered nonagricultural products, as distinct from strictly agricultural products. (Explanatory preface continued on page 497.)

TABLE 607.—*Value of total and agricultural exports and imports, United States, 1929-48*

Year begin- ning July—	Total domestic exports	Agricultural exports <sup>1</sup>			Total im- ports <sup>2</sup>	Agricultural imports <sup>3</sup>					Excess of do- mestic agricul- tural ex- ports over supple- men- tary im- ports
		Do- mestic	Per- cent- age (do- mestic) of total ex- ports	For- eign (reex- ports)		Total	Supple- men- tary <sup>4</sup>	Comple- men- tary <sup>4</sup>	Supplemen- tary		
									Per- cent- age of total agri- cultural exports	Per- cent- age of total im- ports	
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Per- cent</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Per- cent</i>	<i>Per- cent</i>	<i>Million dollars</i>
1929.....	4,618	1,496	32	51	3,849	1,900	990	1,010	59	23	607
1930.....	3,032	1,038	34	29	2,432	1,162	512	650	49	21	526
1931.....	1,908	752	39	23	1,730	834	375	459	50	22	377
1932.....	1,413	590	42	15	1,168	614	283	331	48	24	307
1933.....	2,008	787	39	21	1,674	839	419	420	53	25	368
1934.....	2,085	669	32	20	1,789	934	498	436	74	28	171
1935.....	2,375	766	32	22	2,208	1,141	642	499	84	29	124
1936.....	2,791	732	26	25	2,892	1,537	867	670	118	30	135
1937.....	3,362	891	26	25	2,331	1,155	588	567	66	25	303
1938.....	2,885	683	24	19	2,079	999	486	513	71	23	197
1939.....	3,744	738	20	48	2,448	1,239	572	667	78	23	166
1940.....	3,959	350	9	43	2,809	1,474	629	845	180	22	279
1941.....	6,451	1,032	16	52	3,074	1,503	769	734	75	25	263
1942.....	10,028	1,497	15	52	3,015	1,342	963	379	64	32	534
1943.....	14,698	2,305	16	84	3,818	1,774	1,244	530	54	33	1,061
1944.....	12,549	2,191	18	81	3,974	1,729	1,111	618	51	28	1,080
1944 <sup>6</sup> .....	8,468	2,854	34	191	4,227	1,887	1,031	856	36	24	1,823
1946 <sup>6</sup> .....	12,725	3,613	28	136	5,386	2,716	1,387	1,329	38	26	2,226
1947 <sup>6</sup> .....	13,798	3,505	25	56	6,320	2,862	1,444	1,418	41	23	2,061
1948 <sup>6</sup> .....	12,662	3,829	30	52	6,974	3,001	1,532	1,469	40	22	2,297

<sup>1</sup> Beginning January 1942, the value of agricultural exports has been revised to include "Food exported for relief or charity by individuals and private agencies." These figures, for which separate commodity detail is not available, include a small amount of certain foodstuffs other than agricultural. They were not included in Census reports as agricultural prior to 1949.

<sup>2</sup> General imports prior to July 1933; subsequently, imports for consumption. Imports for consumption include imports for immediate consumption, plus withdrawals from bonded warehouses.

<sup>3</sup> General imports prior to July 1933, excepting wool, where imports for consumption have been used in order to show the degree of competitiveness.

<sup>4</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>5</sup> Excess of imports.

<sup>6</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census and of the United States Tariff Commission.

TABLE 608.—Agricultural products: Value of principal groups exported from and imported into the United States, 1943-48

Product	Year beginning July											
	Domestic exports						Imports for consumption					
							Principal supplementary products <sup>1</sup>					
	1943	1944	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1943	1944	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Animals, live:</b>												
Cattle.....	1,024	1,911	7,885	4,656	2,320	2,414	17,726	21,660	30,253	22,571	20,322	84,242
Horses.....	330	629	6,140	13,125	1,193	856	1,147	693	1,212	2,043	2,331	1,461
Mules, asses, and burros.....	590	534	452	2,386	1,688	729	14	8	14	10	3	0
Other animals, live <sup>3</sup> .....	1,329	2,611	2,967	3,126	2,736	2,274	469	3,307	501	761	9,745	10,118
<b>Dairy products:</b>												
Butter.....	49,559	41,618	4,381	2,861	8,423	3,575	900	14	1,361	4,886	46	357
Casein and lactarene.....	210	522	148	277	118	128	4,482	5,249	7,776	9,365	8,218	6,006
Cheese.....	66,998	75,232	81,045	52,737	42,887	61,516	3,736	876	4,207	7,015	8,521	14,288
Milk, condensed and evaporated.....	55,566	84,738	120,131	88,301	85,308	67,690	5	336	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	6
Milk, dried, whole.....	13,145	18,898	58,968	48,295	50,013	51,839	2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1	1
Nonfat dry milk solids.....	28,348	33,903	33,020	28,010	39,233	30,073	0	( <sup>4</sup> )	( <sup>4</sup> )	7	223	131
Other dairy products.....	1,552	6,170	17,750	15,994	15,280	15,365	9	5	10	13	90	123
Eggs, in the shell.....	637	1,993	8,906	26,284	17,711	9,320	126	370	467	462	583	1,880
Egg products.....	324,736	269,181	105,172	118,514	69,968	13,706	1	118	192	7	208	318
Hides and skins, raw (except furs).....	417	558	9,642	16,171	14,927	18,192	58,669	52,412	47,875	86,561	110,407	72,363
<b>Meats and meat products:</b>												
Beef, canned, including corned.....	721	385	40,675	16,034	3,693	1,778	12,115	18,577	4,914	1,164	23,315	37,715
Other canned meats.....	335,849	211,075	194,055	79,031	14,257	7,193	466	343	1,140	28	1,226	5,701
Hams, shoulders, bacon, and sides.....	67,526	37,067	5,431	7,231	4,450	5,632	354	19	586	48	115	409
Pork, pickled or salted.....	56,365	29,340	8,374	9,976	3,691	2,612	328	177	189	40	54	186
Other meats.....	213,044	106,449	93,931	70,542	49,997	29,176	3,388	12,643	5,677	3,126	5,545	38,166
Sausage casings.....	6,913	8,153	4,718	13,063	9,942	7,662	7,905	8,504	8,479	12,870	12,389	9,436
Lard, including neutral.....	146,370	139,157	74,875	85,486	89,866	85,957	23	71	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1
Wool and mohair, unmanufactured <sup>5</sup> .....	12,079	775	18,764	3,718	3,517	8,267	217,555	170,645	236,039	208,419	190,420	153,526
Cotton.....	142,830	183,559	416,796	589,283	331,355	807,230	14,967	18,998	29,251	41,504	42,063	36,319
Linters.....	2,383	2,569	882	3,533	10,021	7,482	1,549	2,131	5,615	4,725	4,243	3,059
<b>Fruits:</b>												
Apples, fresh.....	1,207	4,776	5,967	18,650	9,469	5,525	363	4,859	824	2,459	3,610	5,840
Grapefruit, fresh.....	3,253	3,905	4,965	6,754	3,399	5,191	27	86	21	65	152	99
Grapes, fresh.....	4,215	4,880	4,672	9,561	9,254	6,789	63	505	592	1,960	811	783
Oranges, fresh.....	24,501	24,515	33,022	32,592	21,147	21,396	5	( <sup>4</sup> )	1	2	8	11
Pears, fresh.....	628	996	4,325	11,105	6,143	1,397	837	729	1,095	743	156	1,166
Prunes, dried.....	13,124	12,820	19,013	22,456	17,039	17,800	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1	20	3
Raisins.....	27,763	28,137	14,180	11,975	38,483	11,622	5	25	1	308	17	11
Other fruits and preparations (except bananas and plantains).....	55,915	52,979	54,157	80,407	39,942	36,372	21,631	26,054	41,657	40,094	36,539	44,773
<b>Grains and preparations:</b>												
Barley, grain.....	666	1,223	5,011	23,858	39,935	46,058	31,700	35,545	5,129	6,130	2,628	14,271
Barley, malt.....	5,975	8,546	13,807	15,121	23,171	11,859	722	200	241	402	554	3,013
Corn, including cornmeal.....	14,891	22,427	23,309	223,913	78,255	147,974	326	6,369	1,062	1,519	2,063	1,363

Cornstarch and corn flour.....	6, 197	9, 505	4, 080	12, 595	15, 812	4, 330	43	(1)	53	192	1	(1)
Grain sorghums.....	66	4, 579	3, 610	29, 568	27, 158	59, 303						
Oats, including oatmeal.....	3, 423	4, 948	20, 569	28, 125	26, 653	56, 768	40, 952	16, 306	1, 156	2, 106	15, 540	
Rice.....	34, 141	35, 201	52, 905	74, 770	97, 262	81, 240	18	454	162	183	219	
Rye, grain.....	170	2, 459	11, 522	1, 929	6, 581	10, 779	8, 700	4, 109	3, 250	4, 188	107	9, 957
Wheat and flour:												
Grain:												
For domestic use.....							177, 863	52, 241	2, 746	92	75	2, 924
For milling in bond and export.....							12, 965	11, 349	15, 746	3, 189	39	6, 649
Total wheat grain.....	16, 247	36, 403	432, 300	409, 433	859, 338	967, 804	190, 828	63, 590	18, 492	3, 281	114	9, 573
Flour:												
Wholly of United States wheat.....	39, 101	43, 594	131, 150	467, 343	501, 771	331, 850						
Other wheat flour.....	15, 093	14, 846	21, 200	15, 738	3, 011	7, 206						
Total wheat flour.....	54, 194	58, 440	152, 350	483, 081	504, 782	339, 056	202	279	156	16	26	320
Other grains and preparations.....	14, 549	15, 439	22, 067	36, 911	66, 142	16, 436	4, 341	700	256	613	525	765
Feeds and fodders:												
Oil cake and oil-cake meal.....	916	863	142	11, 993	5, 744	20, 511	4, 951	3, 573	3, 873	2, 922	3, 173	5, 202
Other feeders and fodders *.....	1, 536	6, 919	6, 624	6, 649	10, 436	19, 778	15, 537	23, 250	15, 096	14, 265	16, 319	
Nuts.....	5, 186	5, 453	13, 535	31, 845	60, 767	79, 011	13, 434	31, 444	46, 978	47, 483	54, 613	55, 599
Oilseeds:												
Copra.....	0	0	0	0	0	0	6, 343	7, 940	8, 522	86, 584	109, 777	75, 449
Flaxseed.....	78	26	153	121	244	26, 250	42, 502	14, 425	7, 432	4, 022	4, 390	3, 486
Soybeans.....	2, 355	7, 948	14, 179	15, 709	13, 706	50, 097	1	1	55	(1)	1	37
Other oilseeds.....	341	770	897	1, 354	928	1, 363	14, 189	18, 056	16, 029	22, 700	34, 155	29, 032
Oils and fats, expressed (vegetable):												
Coconut.....	15	22	3, 249	7, 148	7, 333	2, 592	2, 518	2, 802	709	2, 789	10, 464	18, 688
Cottonseed.....	1, 429	1, 266	826	1, 835	8, 776	13, 463	390	2, 100	1, 947	1	860	214
Linseed.....	43, 158	28, 231	740	309	8, 656	4, 127	8, 915	3, 146	8, 912	45, 500	4, 024	471
Oilcarmarine.....	19, 370	13, 860	11, 525	9, 284	2, 971	560	(1)	0	1	(1)	67	221
Palm.....	18	17	58	106	0	3, 286	1, 564	1, 679	5, 267	10, 667	11, 650	
Perilla.....	(1)	0	0	0	0	0	0	0	3	0	0	0
Soybean.....	4, 322	13, 455	8, 743	20, 794	20, 062	39, 903	(1)	0	(1)	0	50	79
Tung.....	602	1, 116	119	533	390	1, 329	557	10	1, 995	35, 808	23, 632	18, 495
Other oils and fats, expressed (vegetable).....	10, 858	8, 441	5, 446	7, 680	10, 637	21, 372	21, 831	36, 131	33, 104	43, 778	35, 101	34, 810
Seeds, except oilseeds.....	11, 086	19, 602	21, 942	19, 838	14, 864	12, 176	3, 473	6, 235	6, 307	8, 626	10, 263	21, 533
Starch, except cornstarch.....	346	397	317	2, 297	1, 160	976	(1)	(1)	(1)	248	268	153
Sugar.....	58, 535	25, 282	32, 176	35, 945	20, 810	7, 558	209, 573	241, 914	167, 883	302, 505	358, 547	367, 789
Molasses, maple sugar and sirup and glucose.....	1, 448	1, 487	1, 960	7, 444	8, 390	5, 301	57, 669	36, 687	15, 249	19, 627	44, 037	29, 633
Tobacco leaf.....	152, 050	234, 562	274, 558	324, 606	204, 733	225, 051	48, 615	70, 240	76, 640	89, 620	68, 452	73, 078
Vegetables and preparations:												
Beans:												
Green or unripe.....	553	527	577	560	279	49	200	11	202	380	200	147
Dried.....	16, 487	21, 218	7, 945	19, 382	33, 884	17, 785	554	223	2, 160	702	3, 027	2, 204
Onions.....	1, 847	1, 976	3, 848	4, 430	3, 701	3, 649	286	83	862	271	2, 114	699
Peas:												
Green.....	88	195	228	248	267	39	966	643	490	313	231	330
Dried.....	13, 701	17, 529	26, 309	21, 988	24, 436	11, 184	138	24	148	131	147	152
Potatoes, white.....	4, 548	3, 997	21, 843	21, 438	21, 603	8, 400	2, 029	11, 716	2, 910	6, 132	5, 727	13, 112
Soybean flour, edible.....	5, 040	2, 964	7, 675	9, 858	42, 714	20, 979						
Vegetables, canned.....	25, 479	29, 223	18, 875	18, 384	19, 939	11, 656	6	294	144	1, 775	2, 374	3, 231
Vegetables and soups, dehydrated.....	20, 286	39, 061	43, 557	25, 948	9, 023	3, 206						
Other vegetables and preparations.....	18, 857	18, 565	25, 924	28, 025	23, 818	45, 234	38, 631	30, 891	33, 580	49, 943	43, 855	32, 735

TABLE 608.—Agricultural products: Value of principal groups exported from and imported into the United States, 1943-48  
—Continued

Product	Year beginning July											
	Domestic exports						Imports for consumption					
							Principal complementary products <sup>1</sup>					
	1943	1944	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1943	1944	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Silk, unmanufactured.....							0	245	60,332	78,141	11,678	16,212
Wool, unmanufactured, free in bond for use in carpets, etc.....							8,321	20,193	48,380	48,801	74,129	72,202
Cacao beans, cocoa, and chocolate.....	205	296	1,132	1,460	2,912	1,849	42,185	52,823	53,569	105,993	192,300	160,183
Coffee <sup>3</sup> .....	423	334	3,161	4,499	6,512	6,118	320,160	312,426	403,378	539,590	655,116	708,727
Tea.....							28,368	30,512	31,304	33,138	38,241	43,487
Bananas and plantains.....							17,678	26,094	33,432	48,174	50,218	50,882
Rubber, crude <sup>4</sup> .....	0	0	13	7	31	3	49,635	99,631	142,356	341,763	258,238	296,718
Pepper.....	16	( <sup>4</sup> )	( <sup>4</sup> )	0	0	0	1	342	664	13,867	12,820	15,116
Vanilla beans.....	4	0	0	0	0	0	3,929	8,535	5,951	10,229	6,699	4,323
Licorice root.....							490	663	1,155	2,507	2,469	1,556
Pyrethrum or insect flowers.....	( <sup>4</sup> )	49	45	93	( <sup>4</sup> )	13	1,289	4,288	5,209	4,212	600	1,894
Total of above products.....	2,230,829	2,094,856	2,755,219	3,493,200	3,362,513	3,708,421	1,635,666	1,595,618	1,721,283	2,487,549	2,636,679	2,769,366
Other agricultural products.....	38,823	48,010	75,038	82,593	79,795	90,976	138,483	133,552	165,416	228,884	225,157	231,864
Food exported for relief or charity by individuals and private agencies <sup>10</sup> .....	35,598	47,768	24,047	37,210	62,266	29,926						
Total agricultural products.....	2,305,250	2,190,634	2,854,304	3,613,003	3,504,574	3,829,323	1,774,149	1,729,170	1,886,699	2,716,433	2,861,836	3,001,230
Lend-lease.....	1,842,540	1,529,436	670,070	20,871	0	0						
UNRRA.....		11 32,766	695,169	400,639	10,762	0						
Total supplementary <sup>1</sup> .....							1,243,704	1,111,438	1,031,214	1,386,971	1,444,171	1,532,351
Total complementary <sup>1</sup> .....							530,445	617,732	855,485	1,329,462	1,417,665	1,468,879

<sup>1</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>2</sup> Preliminary.

<sup>3</sup> Imports include horses and mules for immediate slaughter and teams owned by immigrants. <sup>4</sup> Less than 500.

<sup>5</sup> Imports exclude wool imported free in bond for manufacture of carpets, rugs, etc. which are listed with "complementary" products. (See page 496.) 1943-45 includes wool (ordinarily dutiable) imported free as an act of international courtesy.

<sup>6</sup> Excludes corn, barley, oats, grain sorghums, and wheat (unfit for human consumption). <sup>7</sup> Exports include palm-kernel oil.

<sup>8</sup> Coffee imported through the customs district of Puerto Rico is considered a supplementary import and is excluded from the complementary value.

<sup>9</sup> Imports exclude value of rubber salvaged from the high seas.

<sup>10</sup> These figures, for which separate commodity detail is not available, include a small amount of certain foodstuffs other than agricultural. They were not included in Census reports as agricultural prior to 1949.

<sup>11</sup> September-June.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census and of the United States Tariff Commission.



TABLE 609.—*Agricultural products: Value of shipments between continental United States and territories, 1929-48*

Year beginning July—	Shipments							
	To the United States from—				From the United States to—			
	Hawaii	Puerto Rico	Alaska	Virgin Islands <sup>1</sup>	Hawaii	Puerto Rico	Alaska	Virgin Islands <sup>1</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	98,069	75,484	325	-----	17,372	26,378	8,277	-----
1930.....	102,919	75,033	280	-----	15,870	23,695	6,565	-----
1931.....	92,189	67,481	114	-----	14,480	17,635	5,207	-----
1932.....	79,739	58,628	31	-----	11,693	16,317	4,581	-----
1933.....	86,775	65,770	87	-----	14,943	19,138	5,686	-----
1934.....	91,460	60,027	137	88	17,311	22,619	7,513	186
1935.....	110,605	75,185	90	242	19,509	26,518	8,293	426
1936.....	119,322	86,590	117	496	19,052	27,571	8,300	474
1937.....	106,891	62,447	86	416	21,076	25,779	8,066	596
1938.....	99,240	64,379	52	240	20,337	21,200	8,734	528
1939.....	99,053	66,776	69	521	23,111	27,684	8,504	619
1940.....	109,309	70,460	70	139	32,155	31,685	10,368	715
1941.....	96,764	75,803	81	222	34,573	40,247	14,786	1,178
1942.....	98,877	69,209	14	52	29,994	12,115	16,244	1,545
1943.....	98,601	74,335	11	319	36,887	13,392	13,914	1,418
1944.....	70,299	66,630	6	570	40,497	22,391	13,795	1,354
1945.....	95,982	107,378	21	184	59,151	57,572	16,327	2,581
1946.....	135,996	111,717	33	792	66,295	99,924	21,559	2,267
1947.....	137,005	138,627	12	155	59,252	111,571	13,357	2,417
1948.....	( <sup>2</sup> )	145,007	( <sup>2</sup> )	729	( <sup>2</sup> )	102,119	( <sup>2</sup> )	1,945

<sup>1</sup> Reported as a foreign country prior to Jan. 1, 1935.<sup>2</sup> January-June, 1935.<sup>3</sup> Preliminary.

<sup>4</sup> Period covered, July-March. Under the provisions of Public Law 476, 80th Congress, enacted April 7, 1948, shippers are exempted from the requirement of filing declarations for merchandise moving between continental United States and the territories of Alaska and Hawaii; and masters of vessels are also exempted from the requirement of filing manifests of such cargo aboard vessels leaving continental United States ports for Alaska and Hawaii or leaving ports in Alaska and Hawaii for continental United States ports or ports in other territories and possessions of the United States. As a result of these exemptions, information on trade between continental United States and Alaska and Hawaii was discontinued after publication of the statistics for March 1948.

<sup>5</sup> Not available.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census.

## Preface, continued from page 493:

Export statistics include commercial, E.C.A.,<sup>1</sup> United States Foreign Relief, Interim Aid, Greek-Turkish Aid, UNRRA, and Lend-Lease. Beginning January 1, 1947, they also include exports under the Army Civilian Supply Program, for which comparable data for earlier years are not available at the Bureau of the Census. Excluded from the export figures are shipments to the United States armed forces abroad for their own use, shipments between continental United States and the territories and possessions, and shipments between the territories and possessions. Prior to July 1945, shipments by and for the account of, or consigned to, United States Government agencies and establishments abroad, were also excluded.

<sup>1</sup> As in the case of exports under other special programs, Economic Cooperation Administration exports measure only the exports of merchandise from the United States under the program. The Economic Cooperation Administration export figures will not check with figures on Economic Cooperation Administration authorizations, expenditures, etc., which may include funds used or intended for future exports or for off-shore procurements, etc.

TABLE 610.—*Index numbers of quantities of United States agricultural exports, 1929-48*

[Calendar years 1924-29=100]

Year beginning July—	Total agricultural <sup>1</sup>	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Pork, cured	Lard, including neutral
1929.....	85	84	87	118	92	83	54	71	102
1930.....	79	83	76	116	129	71	28	42	76
1931.....	86	106	67	82	114	74	23	27	70
1932.....	75	102	50	76	101	22	27	25	72
1933.....	74	99	52	92	105	20	17	27	70
1934.....	49	60	38	70	86	12	13	22	29
1935.....	57	76	40	86	118	8	15	15	11
1936.....	51	68	36	82	88	12	9	13	13
1937.....	70	70	70	94	114	58	141	16	24
1938.....	57	43	70	95	137	63	95	21	30
1939.....	63	77	50	67	88	29	58	17	33
1940.....	25	15	34	35	38	22	46	7	24
1941.....	49	14	82	61	62	19	51	70	84
1942.....	55	15	92	62	52	18	36	81	70
1943.....	67	15	115	74	70	27	39	75	106
1944.....	64	20	105	97	69	31	49	38	109
1945 <sup>2</sup> .....	96	43	146	110	75	175	70	6	57
1946 <sup>2</sup> .....	100	46	150	122	99	201	168	8	41
1947 <sup>2</sup> .....	90	24	151	83	89	266	109	2	43
1948 <sup>2</sup> .....	109	56	158	92	66	278	166	4	62

<sup>1</sup> Based on data for 74 agricultural export classifications. Beginning Jan. 1, 1947, includes exports under the Army Civilian Supply Program.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census.

TABLE 611.—*Index numbers of quantities of United States agricultural imports, 1929-48*

[Calendar years 1924-29=100]

Year beginning July—	Total agricultural <sup>1</sup>	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Sugar	Supplementary, except sugar	Wool, excluding free for carpets <sup>3</sup>	Hides and skins	Dairy products	Vegetable oils and oil-seeds	Grains, grain products, and feeds	Tobacco, leaf
1929.....	106	110	101	88	106	83	126	88	116	83	87
1930.....	95	110	75	81	73	29	70	58	98	127	84
1931.....	90	108	69	80	64	19	65	54	91	75	79
1932.....	79	94	60	78	53	8	54	51	79	52	64
1933.....	92	106	74	72	74	39	85	41	110	124	48
1934.....	90	97	83	79	84	19	54	67	113	314	62
1935.....	103	106	98	80	105	70	81	56	143	325	72
1936.....	116	115	118	75	134	126	82	80	154	550	74
1937.....	92	102	80	73	82	30	50	52	124	145	66
1938.....	91	102	77	66	81	46	71	50	116	79	75
1939.....	102	113	87	82	89	112	76	51	103	111	75
1940.....	128	146	104	89	110	328	104	22	93	118	79
1941.....	102	100	104	62	121	389	116	32	98	119	77
1942.....	78	44	122	48	150	898	103	36	43	220	92
1943.....	89	61	125	82	140	488	70	21	57	805	80
1944.....	84	67	106	90	111	382	57	5	53	445	86
1945 <sup>4</sup> .....	86	79	94	52	109	561	47	17	42	123	84
1946 <sup>4</sup> .....	102	104	98	72	108	457	53	25	81	38	100
1947 <sup>4</sup> .....	100	110	87	80	90	296	62	16	72	15	80
1948 <sup>4</sup> .....	102	114	86	87	86	179	42	23	62	124	92

<sup>1</sup> Based on data for 122 agricultural import classifications.

<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>3</sup> 1942-45 include wool (ordinarily dutiable) imported free as an act of international courtesy.

<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census and the United States Tariff Commission.

TABLE 612.—Exports of principal domestic agricultural products from the United States, 1939-48

Year beginning July—	Dairy products						Poultry products		Animal fats	
	Butter <sup>1</sup>	Cheese	Milk and cream				Eggs		Lard, including neutral	Tallow, edible and inedible
			Evapo- rated (un- sweet- ened)	Con- densed (sweet- ened)	Dried, whole	Nonfat dried, solids	In the shell	Dried		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds ( <sup>2</sup> )	1,000 pounds	1,000 pounds
1939.....	2,656	1,703	35,591	4,314	6,575	2,053	4,138	( <sup>2</sup> )	256,804	1,893
1940.....	2,875	22,794	189,695	60,725	10,313	16,960	17,047	( <sup>2</sup> )	187,102	3,167
1941.....	6,782	208,555	681,129	53,733	14,358	53,592	19,108	<sup>3</sup> 75,930	664,066	3,025
1942.....	19,727	215,314	476,974	15,886	22,482	223,060	2,536	184,972	552,180	26,286
1943.....	111,950	232,741	466,705	45,435	37,844	187,529	1,331	258,819	839,182	19,836
1944.....	75,194	242,324	537,979	112,569	45,059	206,669	4,964	210,689	856,629	18,819
1945.....	8,939	249,499	872,352	93,746	141,537	198,171	20,175	84,446	452,312	10,269
1946.....	4,095	153,500	580,487	75,100	103,157	176,681	56,960	86,364	322,711	22,093
1947.....	10,501	103,930	434,541	128,898	103,767	258,901	33,976	56,092	342,374	57,117
1948.....	4,765	150,489	322,877	104,358	98,211	195,650	17,530	8,426	488,855	259,936

Year beginning July—	Meats									Cotton linters
	Beef and veal			Pork				Canned meats		
	Fresh or frozen	Pickled or cured	Canned	Fresh or frozen	Pickled or salted	Canned	Hams and should- ers, cured	Bacon and sides	Sau- sage	Other canned meats
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales <sup>5</sup>
1939.....	7,534	9,163	1,215	53,216	18,572	9,100	36,855	22,612	1,652	2,435
1940.....	7,449	7,469	453	9,167	27,403	4,526	17,607	7,549	2,145	12,649
1941.....	10,349	10,641	10,703	18,341	74,040	155,343	86,827	168,538	246,678	44,060
1942.....	8,894	5,264	10,995	190,380	139,208	249,182	108,148	179,151	432,400	84,791
1943.....	32,214	10,954	2,689	609,473	321,045	181,502	143,813	130,458	272,140	439,527
1944.....	6,665	5,100	1,161	355,193	194,105	112,730	69,260	73,498	230,567	208,582
1945.....	280,233	9,648	150,480	59,010	55,790	73,537	12,123	9,775	70,535	552,502
1946.....	99,575	5,524	54,104	28,945	48,611	46,841	3,898	26,493	20,714	229,908
1947.....	65,048	6,947	9,361	3,668	14,197	7,083	5,046	3,968	4,796	20,732
1948.....	3,514	8,830	4,579	10,858	13,236	5,154	5,282	8,891	2,226	6,890

Year beginning July—	Cotton	Glucose, liquid	Sugar	Honey	Fruits						
					Fresh						
						Grape- fruit	Lemons	Oranges	Apples	Grapes	Peaches
	1,000 bales <sup>5</sup>	1,000 pounds	1,000 tons <sup>6</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	6,471	111,843	210	2,949	63,194	46,333	308,354	144,247	59,961	8,779	93,061
1940.....	1,253	29,709	60	1,841	61,406	37,976	333,745	38,502	61,046	7,823	23,565
1941.....	1,202	27,961	133	570	66,803	41,175	375,314	78,597	64,203	5,287	23,431
1942.....	1,325	9,664	215	53	82,506	35,589	499,671	19,570	44,051	6,044	10,087
1943.....	1,340	9,405	617	144	92,778	39,130	493,164	14,107	47,503	11,106	6,043
1944.....	1,751	13,806	208	154	103,217	40,681	500,785	57,784	44,805	10,104	11,782
1945.....	3,698	11,313	293	243	149,681	47,989	635,640	57,404	58,133	21,874	48,904
1946.....	3,935	52,444	277	205	217,832	37,575	685,318	232,021	72,182	20,475	107,676
1947.....	1,956	45,150	121	6,202	149,304	24,436	560,572	126,996	94,353	26,649	70,436
1948.....	4,885	47,692	52	7,108	159,450	9,022	474,033	65,311	74,719	628	15,181

See footnotes at end of table.

TABLE 612.—Exports of principal domestic agricultural products from the United States, 1939-48—Continued

Year beginning July—	Fruits—Continued									
	Dried or evaporated									
	Apples <sup>7</sup>	Apri- cots	Peaches	Pears	Prunes	Raisins	Fruits for salad	Figs	Other dried fruits	Total dried fruits
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	17,074	31,921	5,159	4,931	119,046	126,771	15,612	( <sup>8</sup> )	3,602	324,116
1940.....	3,526	2,908	1,604	787	38,035	86,332	3,581	( <sup>9</sup> )	4,171	140,944
1941.....	16,749	14,624	6,940	6,407	202,101	101,333	3,029	( <sup>9</sup> )	21,105	371,288
1942.....	11,044	10,730	10,510	1,700	100,641	147,158	2,112	3 682	3,057	287,634
1943.....	14,806	12,074	14,671	3,710	122,714	237,507	( <sup>9</sup> )	2,487	1,127	409,096
1944.....	9,977	15,793	25,773	5,954	91,194	187,580	15	2,145	52	338,483
1945.....	3,692	2,737	4,193	1,226	154,414	110,606	3,858	2,538	119	283,383
1946.....	9,923	6,859	25,363	1,211	137,740	60,738	20,511	4,125	3,926	270,396
1947.....	3,727	4,818	2,848	846	213,034	283,788	265	1,460	301	511,087
1948.....	1,036	6,862	5,233	710	192,893	132,870	431	15,144	232	355,411

  

Year beginning July—	Fruits—Continued									
	Canned									
	Apples, incl. sauce	Apri- cots	Grape- fruit	Peaches	Pears	Pine- apples	Fruits for salad	Other canned fruits	Total canned fruits	Fruit juices
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons
1939.....	12,926	33,145	53,702	86,410	61,917	20,501	46,389	20,091	335,081	4,438
1940.....	704	610	480	3,963	2,447	1,585	3,312	3,480	16,581	4,254
1941.....	1,757	6,040	1,273	17,962	16,759	1,916	4,115	32,978	82,800	5,980
1942.....	586	12,010	157	12,037	5,701	563	1,277	3,903	36,234	6,545
1943.....	3,779	9,661	3,358	29,888	22,795	16,253	11,144	26,523	123,401	9,037
1944.....	500	21,751	1,502	35,541	12,288	15,056	4,803	2,416	93,857	5,113
1945.....	1,135	31,443	116	26,922	11,575	21,903	17,390	5,898	116,382	15,355
1946.....	2,661	33,242	44,610	51,682	16,805	17,333	30,416	14,163	210,912	21,574
1947.....	2,075	11,969	773	30,834	10,045	14,067	20,044	8,535	98,342	15,271
1948.....	1,149	11,674	653	20,527	6,338	11,020	18,595	7,578	77,534	15,779

  

Year beginning July—	Grain, meal, and flour (in terms of grain)							Corn starch and flour	Oilkake and oil-cake meal		
	Barley <sup>10</sup>	Corn <sup>11</sup>	Oats <sup>12</sup>	Rice, milled <sup>13</sup>	Rye <sup>14</sup>	Wheat <sup>15</sup>	Grain sor- ghums		Cotton- seed	Lin- seed	Soy- bean
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	Tons <sup>16</sup>	Tons <sup>16</sup>	Tons <sup>16</sup>
1939.....	4,827	35,438	1,393	304,995	732	54,274	2	223,643	6,062	190,835	58,148
1940.....	1,987	21,866	1,256	394,017	245	40,557	2	231,993	873	3,237	19,981
1941.....	3,421	20,221	4,775	458,366	23	35,833	2	229,396	733	6,471	19,100
1942.....	2,178	9,062	3,186	424,479	15	33,401	2	216,412	1,735	8,716	19,330
1943.....	3,144	10,829	3,465	499,006	110	51,108	38	126,314	633	1,074	14,685
1944.....	4,694	15,769	5,021	509,197	1,747	56,711	2,772	143,675	11	953	11,265
1945.....	9,266	13,786	21,247	712,467	6,229	318,695	2,430	63,013	12	247	1,001
1946.....	16,000	108,334	23,380	841,382	673	367,430	18,388	224,046	4,764	1,686	116,059
1947.....	24,143	33,695	20,737	911,235	2,247	479,870	12,812	204,718	8,539	12,588	36,555
1948.....	27,557	90,621	25,128	914,110	5,431	504,457	34,479	66,349	100,133	59,087	94,583

See footnotes at end of table.

TABLE 612.—Exports of principal domestic agricultural products from the United States, 1939-48—Continued

Year beginning July—	Peanuts, shelled <sup>17</sup>	Soy- beans	Vegetable oils								Hops
			Corn oil <sup>18</sup>	Cotton- seed oil <sup>18</sup>	Linseed oil	Cocoa butter	Coco- nut oil <sup>18</sup>	Peanut oil <sup>19</sup>	Soy- bean oil <sup>19</sup>	Oleo- mar- garine	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	601	709,999	272	18,590	4,552	24,958	33,731	2,962	16,640	454	8,058
1940.....	637	5,077	218	15,744	5,262	9,782	66,393	5,522	16,007	3,449	9,031
1941.....	6,071	32,392	314	7,796	41,285	6,632	15,801	3,957	12,456	4,778	10,158
1942.....	3,224	41,812	10,083	58,194	83,764	1,214	426	641	40,890	48,111	8,108
1943.....	20,625	57,664	474	9,571	294,359	2,474	65	451	31,571	114,127	7,056
1944.....	17,319	177,368	192	8,121	185,778	965	83	157	88,309	74,707	8,524
1945.....	37,833	302,496	401	5,895	4,025	1,598	39,907	531	53,023	61,021	14,398
1946.....	149,088	230,516	172	7,479	933	1,503	43,138	707	86,868	42,620	12,159
1947.....	337,317	179,111	295	32,366	27,622	495	37,238	2,094	128,668	9,777	11,114
1948.....	470,176	1,106,966	984	75,503	13,990	5,343	11,179	30,748	235,043	2,048	12,400

Year beginning July—	Tobacco, unmanufactured										Stems, trim- mings, and scrap
	Leaf										
	Bright flue- cured	Burley	Dark- fired Ken- tucky and Tennes- see	Dark Virginia	Mary- land <sup>22</sup>	Cigar leaf	One sucker	Other leaf tobacco	Total leaf tobacco		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	252,208	11,599	35,029	6,139	4,885	630	2,592	7,728	320,810	21,344	
1940.....	135,517	4,885	11,575	3,004	1,906	555	1,094	4,126	162,662	16,964	
1941.....	253,768	5,592	7,544	3,163	1,614	1,756	184	3,911	277,532	1,476	
1942.....	251,836	4,869	10,724	6,888	2,063	578	280	4,512	281,750	192	
1943.....	309,483	6,362	10,180	4,680	1,229	774	772	2,671	336,151	775	
1944.....	395,320	6,269	28,892	3,363	1,712	4,141	1,372	3,621	444,690	746	
1945.....	423,884	24,353	48,509	8,965	4,463	5,741	3,025	7,352	526,292	9,586	
1946.....	480,586	36,958	25,150	7,274	5,882	4,363	3,699	6,900	570,812	21,204	
1947.....	312,814	37,801	18,766	7,282	6,416	6,404	1,818	6,532	397,833	13,537	
1948.....	337,247	28,002	28,818	6,522	9,230	19,698	5,333	8,089	442,939	8,152	

Year beginning July—	Vegetables and preparations										Soybean flour, edible	
	Vegetables, fresh or dried											Soups and vege- tables, dehy- drated
	Beans, dried	Cab- bage	Car- rots	Celery	Lettuce	Onions	Peas, dried <sup>20</sup>	Toma- toes	Pota- toes, Irish			
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1939.....	80,269	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	51,571	31,960	23,544	151,110	( <sup>8</sup> )	( <sup>8</sup> )	
1940.....	73,333	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	52,612	20,330	25,719	149,703	( <sup>8</sup> )	( <sup>8</sup> )	
1941.....	232,654	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	55,686	40,835	25,447	155,694	( <sup>8</sup> )	( <sup>8</sup> )	
1942.....	267,663	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	34,954	60,427	33,458	76,675	<sup>3</sup> 4,115	<sup>3</sup> 9,927	
1943.....	272,928	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	( <sup>21</sup> )	40,165	214,410	37,272	151,852	54,559	105,514	
1944.....	251,044	<sup>3</sup> 39,662	<sup>3</sup> 37,307	<sup>3</sup> 26,365	<sup>3</sup> 38,681	42,170	236,550	32,646	125,784	81,658	48,289	
1945.....	87,347	47,836	52,104	42,326	59,372	72,824	330,127	50,789	841,505	134,665	126,493	
1946.....	149,512	37,617	49,670	31,474	63,709	122,920	283,270	43,510	786,016	94,201	175,517	
1947.....	273,808	70,633	34,589	2,486	15,955	62,968	265,057	26,383	1,000,122	46,894	617,689	
1948.....	186,494	39,609	20,945	36,925	68,676	89,185	127,435	39,579	287,185	10,918	336,188	

See footnotes at end of table.

TABLE 612.—*Exports of principal domestic agricultural products from the United States, 1939-48—Continued*

Year beginning July—	Vegetables and preparations—Continued										
	Vegetables, canned										
	Aspara- gus	Baked beans, and pork and beans	Beans, string or string- less	Corn	Peas	Soups	Toma- toes	Tomato juice	Tomato paste and puree	Other canned	Total canned vege- tables
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	7,946	36,502	(21)	2,270	5,050	14,077	11,849	3,005	8,613	6,371	95,683
1940.....	2,863	4,843	(21)	1,948	4,742	3,943	21,765	2,488	5,920	6,329	54,841
1941.....	3,791	38,610	(21)	2,343	10,102	6,230	107,389	4,735	8,616	44,310	276,126
1942.....	1,499	14,809	(21)	1,073	7,598	3,689	8,269	2,727	16,544	31,634	87,842
1943.....	686	30,275	(21)	651	54,356	6,158	26,950	985	23,790	139,259	283,110
1944.....	865	47,728	<sup>3</sup> 17,529	558	41,843	5,203	34,547	1,242	26,848	102,899	279,262
1945 <sup>4</sup> .....	3,515	16,878	11,188	3,803	29,893	9,078	8,894	91,658	9,945	43,421	228,273
1946 <sup>4</sup> .....	11,481	8,020	4,613	5,631	29,166	13,756	1,990	27,202	17,579	29,967	149,405
1947 <sup>4</sup> .....	10,698	9,733	20,757	8,933	36,257	12,636	12,799	10,602	23,879	29,318	175,612
1948 <sup>4</sup> .....	8,493	4,734	2,323	4,014	8,171	9,754	3,683	6,917	19,140	12,544	79,773

<sup>1</sup> 1944-47, revised to exclude "butter oil" and "Army spreads."<sup>2</sup> Not separately classified prior to Jan. 1, 1942.<sup>3</sup> January-June.<sup>4</sup> Preliminary.<sup>5</sup> Prior to 1943, bales of 500 pounds each; 1943-45, bales of 478 pounds each; January 1946-September 1948, bales of 500 pounds each; beginning October 1948, bales of 480 pounds each.<sup>6</sup> Tons of 2,000 pounds each.<sup>7</sup> Includes apple waste (except pomace).<sup>8</sup> Not separately classified prior to Jan. 1, 1943.<sup>9</sup> Less than 500.<sup>10</sup> Beginning 1944, 1 bushel of malt (34 lb.), the product of 1 bushel of barley grain (48 lb.). Prior to 1944, 1.1 bushels of malt the product of 1 bushel of grain.<sup>11</sup> Beginning 1946, 100 pounds of degermed cornmeal, the product of 3.16 bushels of corn. Prior to 1946, the factor for nondegermed meal (1 barrel of meal the product of 4 bushels of corn) has been used.<sup>12</sup> Beginning 1943, 100 pounds of oatmeal the product of 7.6 bushels of oats. Prior to 1943, 18 pounds of meal the product of 1 bushel of oats.<sup>13</sup> 65 pounds of milled rice, the product of 100 pounds of paddy. 1 pound of flour, meal and polish, the product of 1 pound of milled rice.<sup>14</sup> Rye grain only.<sup>15</sup> Includes domestic flour and flour ground from imported wheat. From July 1944 through February 1946, 100 pounds of flour the product of 2.33 bushels of wheat. (This is equivalent to 4.56 bushels of wheat per barrel of flour.) Beginning March 1946, the factor varies from month to month, being a weighted average based on the proportion of higher extraction flour sent to certain destinations. From July 1921 through June 1944, 1 barrel flour the product of 4.7 bushels of wheat.<sup>16</sup> Tons of 2,240 pounds each.<sup>17</sup> Includes peanuts not shelled prior to Jan. 1, 1945.<sup>18</sup> Includes crude and refined.<sup>19</sup> Refined only prior to 1941; 1941 to date includes crude and refined.<sup>20</sup> Includes chickpeas, cowpeas, and other dried peas.<sup>21</sup> Not separately classified prior to Jan. 1, 1945.<sup>22</sup> Prior to Jan. 1, 1949, reported as Maryland and Ohio export.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, 1939-48

Year beginning July—	Dairy products							Eggs and egg products			Tallow, edible and inedible
	Milk and cream, fresh and sterilized	Cheese				Butter	Casein or lacta- rene	In the shell	Dried	Frozen and otherwise preserved	
		Swiss	Cheddar	Other	Total						
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	23	12,106	5,607	37,578	55,291	1,184	27,351	270	1,888	( <sup>1</sup> )	1,834
1940.....	17	2,289	601	19,423	22,313	1,811	36,412	313	2,860		5,560
1941.....	12	436	5	15,327	15,768	16,465	31,885	10,094	2,102	( <sup>1</sup> )	76,241
1942.....	133	379	6,862	23,463	30,704	7,588	5,216	622	337		56,404
1943.....	109	1,692	78	17,464	19,234	3,678	46,331	274	2		57,507
1944.....	( <sup>1</sup> )	90	18	3,914	4,022	30	55,841	1,014	115		65,955
1945 <sup>2</sup> .....	0	65	359	13,316	13,740	3,869	47,494	787	215		3,852
1946 <sup>2</sup> .....	1	595	10	15,069	15,674	10,628	28,678	710	3		1,216
1947 <sup>2</sup> .....	0	1,939	18	14,978	16,935	50	34,984	819	117		1,277
1948 <sup>2</sup> .....	( <sup>1</sup> )	4,980	19	20,136	25,135	459	28,808	3,164	430		1,257

Year beginning July—	Beef and veal				Hides and skins (except furs)					
	Fresh	Canned, incl. corned	Pickled or cured	Calf and kip	Cattle		Goat and kid	Sheep and lamb	Other hides and skins	Total hides and skins <sup>1</sup>
					Wet salted	Dry or drysalted				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	3,034	82,942	1,912	17,315	129,144	9,970	69,167	62,402	29,713	317,711
1940.....	26,690	62,467	1,448	24,414	259,676	22,443	68,075	75,332	24,131	474,071
1941.....	33,563	123,819	10,322	24,033	288,082	41,210	74,998	78,631	26,723	533,677
1942.....	4,164	76,224	6,119	15,638	224,314	27,013	56,143	111,648	26,334	461,090
1943.....	1,710	68,086	4,989	12,766	109,705	19,605	44,455	88,296	27,886	302,713
1944.....	3,206	108,578	10,751	8,674	62,810	9,116	36,802	91,333	30,077	238,812
1945 <sup>2</sup> .....	2,908	28,749	10,991	2,599	15,229	5,463	28,294	101,808	27,503	180,896
1946 <sup>2</sup> .....	2,450	4,084	8,184	3,879	35,745	12,793	53,514	64,395	33,161	203,487
1947 <sup>2</sup> .....	1,550	74,892	2,556	7,190	96,172	8,205	63,307	54,882	25,850	255,606
1948 <sup>2</sup> .....	95,725	116,178	2,586	5,206	39,783	2,601	50,545	40,073	19,673	157,881

Year beginning July—	Wool, unmanufactured			Vegetable fibers, unmanufactured						
	Duti- able <sup>4</sup>	Free in bond for manu- facture	Total wool	Cotton	Linters	Flax	Jute and jute butts	Manila or abaca	Sisal and hene- quen	Other fibers <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>
1939.....	161,661	147,784	309,445	173	65	5,752	45,924	55,739	143,940	34,020
1940.....	472,803	177,175	649,978	203	247	2,418	55,708	70,400	131,158	39,354
1941.....	561,272	132,408	693,680	293	225	6,409	80,007	78,663	162,152	67,749
1942.....	1,294,518	35,765	1,330,283	182	81	6,000	109,178	1,106	176,625	29,247
1943.....	703,674	35,681	739,355	145	74	2,931	52,493	1,445	186,648	30,576
1944.....	551,387	93,041	644,428	186	151	3,077	29,668	8,641	172,489	24,995
1945 <sup>2</sup> .....	808,649	237,254	1,045,903	331	260	3,198	77,734	19,626	128,096	19,920
1946 <sup>2</sup> .....	659,695	194,024	853,719	304	98	5,673	35,464	55,477	114,278	31,449
1947 <sup>2</sup> .....	426,753	298,139	724,892	301	121	2,401	73,807	82,421	126,925	23,112
1948 <sup>2</sup> .....	258,495	230,894	489,389	173	110	2,355	77,841	40,804	119,972	23,133

See footnotes at end of table.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, 1939-48—Continued

Year beginning July—	Fruits and preparations									
	Avo- cados	Bananas	Berries, fresh	Dates	Limes in natural state	Olives in brine	Pears, green or ripe	Pineapples		
								Natural state		Prepared or pre- served
								In crates	In bulk	
	1,000 pounds	1,000 bunches	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds	1,000 crates	Thou- sands	1,000 pounds
1939.....	7,384	54,080	2,706	45,093	3,984	6,907	11,021	904	3,923	73,089
1940.....	11,707	51,658	3,878	44,789	4,026	7,018	15,427	852	3,135	83,806
1941.....	10,684	42,623	5,061	18,162	3,536	4,928	6,572	424	3,600	36,332
1942.....	1,730	20,937	4,933	3,263	4,173	7,330	4,592	564	6,917	29,371
1943.....	3,436	28,459	13,624	647	5,596	9,348	14,186	787	7,208	32,136
1944.....	2,035	38,187	7,822	23,928	4,368	9,854	11,727	1,053	9,384	25,482
1945 ?.....	892	45,544	22,938	39,036	5,403	10,531	14,951	1,373	11,211	22,689
1946 ?.....	4,889	58,923	15,791	45,186	5,112	8,571	8,945	981	13,155	45,732
1947 ?.....	5,985	59,173	13,513	19,700	5,286	8,469	2,169	639	15,688	75,634
1948 ?.....	7,525	57,767	17,259	34,668	5,868	10,198	15,475	622	18,237	84,044

Year beginning July—	Nuts										
	Al- monds, shelled	Brazil nuts, shelled	Brazil nuts, not shelled	Cashews	Chest- nuts incl. marrows	Filberts, shelled	Filberts, not shelled	Peanuts, shelled	Peanuts, not shelled	Pistache, not shelled	Wal- nuts, shelled
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	1,374	9,810	22,852	25,404	14,420	2,465	1,514	5,583	287	2,695	4,561
1940.....	1,986	16,179	26,653	33,395	8,891	1,475	69	4,177	144	3,980	4,570
1941.....	3,721	10,666	17,627	31,549	2,762	83	0	1,828	92	1,093	2,791
1942.....	1,012	4,383	9,119	8,898	1,637	69	0	2,488	292	66	254
1943.....	11,063	1	0	7,330	968	1,052	11	15	1,837	111	2
1944.....	22,456	0	(1)	18,845	722	7,262	22	37,517	0	1,066	22
1945 ?.....	18,131	6,112	4,582	29,721	301	9,588	893	21,495	1,322	2,279	363
1946 ?.....	8,928	6,902	23,951	30,468	7,041	10,487	3,621	(1)	2	6,636	739
1947 ?.....	11,840	6,160	26,966	28,488	18,102	4,202	14	8	8	6,199	598
1948 ?.....	10,304	5,742	25,764	38,238	17,661	7,772	27	4	2	4,448	2,566

Year beginning July—	Oilseeds								Vegetable oils		
	Babassu kernels <sup>a</sup>	Castor beans	Copra	Flax- seed	Palm nuts and kernels	Poppy- seed	Rape- seed	Sesame seed	Soy- beans	Castor oil	Cocoa butter
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	102,320	196,449	553,683	13,212	16,973	8,358	6,742	15,485	117	40	14
1940.....	87,107	307,785	555,991	11,198	26,443	2,349	4,359	9,220	71	382	618
1941.....	66,473	390,539	360,990	23,232	2,782	2,550	2,162	9,743	28	1,971	1,253
1942.....	30,469	218,570	219,786	6,329	982	1,022	233	6,127	18	7,027	116
1943.....	14,537	341,592	183,926	16,802	10,899	3,315	2,577	6,189	18	23,679	6,277
1944.....	53,722	342,642	242,376	5,058	112,372	1,763	446	2,568	10	7,449	4,482
1945 ?.....	64,869	261,868	314,152	3,429	19,233	2,664	1,801	4,329	260	4,124	3,021
1946 ?.....	27,873	237,944	1,306,534	1,353	51	2,489	267	8,198	1	9,476	4,651
1947 ?.....	31,826	290,036	1,142,054	721	31	5,631	400	20,790	5	1,393	1,765
1948 ?.....	61,124	285,149	694,785	618	9,017	6,551	193	10,675	410	3,898	207

See footnotes at end of table.



TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, 1939-48—Continued

Year beginning July—	Vegetable oils—Continued										
	Coco- nut oil	Cotton- seed oil	Lin- seed oil	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Perilla oil	Rape- seed oil	Soy- bean oil	Tung oil
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	319,565	10,793	18	101,313	246,178	463	3,175	34,236	12,495	5,156	99,575
1940.....	371,927	6,164	69	36,540	254,968	0	1,576	9,321	13,161	2,846	52,495
1941.....	258,579	31,043	56	9,502	241,226	425	4,456	3,416	20,283	2	36,302
1942.....	43,717	13,043	55,584	7,312	44,700	0	45	603	31,594	0	68
1943.....	42,668	4,272	84,580	1,105	62,172	0	7	0	15,873	(1)	1,742
1944.....	46,522	20,130	27,112	7,791	90,835	0	(1)	0	17,577	0	29
1945 <sup>1</sup> .....	10,181	18,921	93,823	1,877	31,121	0	21	14	10,322	(1)	6,330
1946 <sup>2</sup> .....	16,336	1	168,251	17,230	47,981	0	146	0	5,064	5	107,184
1947 <sup>3</sup> .....	54,356	3,461	13,796	32,128	64,447	7,332	74	0	7,475	249	106,615
1948 <sup>4</sup> .....	106,826	896	2,242	30,071	70,613	12,701	3	0	736	421	99,954

Year beginning July—	Cocoa or cacao beans	Coffee	Tea	Sugars, sirups, etc.						Hops
				Cane sugar, raw and refined	Honey	Maple sirup	Maple sugar	Molasses		
								Not for human consump- tion	Other molasses	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons <sup>1</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 pounds
1939.....	557,200	2,043,773	100,119	3,352	238	4,577	3,199	240,046	14,327	6,636
1940.....	891,138	2,534,621	101,687	3,513	1,805	2,363	4,376	331,359	11,727	3,706
1941.....	370,070	1,760,517	94,429	2,732	14,851	5,199	5,627	325,988	12,052	448
1942.....	416,210	1,801,021	51,840	2,228	25,818	1,170	4,924	145,138	625	149
1943.....	584,783	2,568,628	90,649	3,820	34,522	1,789	4,823	286,076	8,203	64
1944.....	741,923	2,495,777	89,542	4,212	17,994	1,170	4,258	205,390	3,512	23
1945 <sup>2</sup> .....	641,002	2,866,382	86,759	2,423	15,678	1,362	3,271	92,446	763	3,849
1946 <sup>3</sup> .....	568,284	2,475,555	90,063	3,345	26,906	5,325	4,044	112,028	805	4,128
1947 <sup>4</sup> .....	562,558	2,682,179	78,449	3,636	8,583	5,010	6,028	214,928	1,714	5,564
1948 <sup>5</sup> .....	592,865	2,783,784	89,175	3,781	8,688	4,325	7,659	218,338	6,624	3,923

Year beginning July—	Rubber and allied gums, crude					Tobacco, unmanufactured				
	Milk of, or latex	Guayule	Other crude rubber	Jelutong and pon- tianak	Other allied gums	Total rubber and allied gums	Cigarette leaf	Cigar leaf filler	Leaf for cigar wrappers	Stems, trim- mings and scrap
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	79,013	6,652	1,313,296	13,727	6,122	1,418,810	49,920	11,242	2,212	17,357
1940.....	62,994	9,310	2,043,180	19,064	6,382	2,140,930	52,004	13,052	2,205	10,582
1941.....	65,415	10,448	1,727,969	13,343	6,553	1,823,728	47,851	13,537	2,679	6,903
1942.....	10,136	16,927	119,110	79	3,607	149,859	49,919	21,103	2,993	7,397
1943.....	4,876	16,557	144,221	0	1,599	167,253	43,801	19,123	2,247	6,070
1944.....	8,103	19,257	289,989	197	2,663	320,209	49,539	20,227	1,792	5,482
1945 <sup>1</sup> .....	13,971	15,697	415,999	134	4,558	450,359	51,145	18,389	1,386	5,157
1946 <sup>2</sup> .....	25,265	11,906	1,401,574	2,893	6,306	1,447,944	57,912	24,308	1,413	8,775
1947 <sup>3</sup> .....	64,277	953	1,446,184	10,099	4,827	1,526,340	61,273	9,438	1,129	3,130
1948 <sup>4</sup> .....	62,128	224	1,547,263	2,538	2,672	1,614,825	65,707	15,090	838	6,820

See footnotes at end of table.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, 1939-48—Continued

Year beginning July—	Vegetables and preparations										
	Farinaceous substances			Vegetables							
	Arrow- root	Sago	Tapi- oca	Beans, dried	Garlic	Onions	Potatoes, white or Irish			Toma- toes, fresh	Turnips and ruta- bagas
							Cer- tified seed	Other (table stock)	Total		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	7,377	8,544	340,487	6,364	3,520	3,734	73,858	38,592	112,450	79,428	118,581
1940.....	7,399	10,018	352,369	9,646	6,467	1,464	42,967	12,852	55,819	132,781	110,602
1941.....	8,275	8,383	243,603	10,654	5,726	5,196	33,895	1,649	35,544	137,172	140,318
1942.....	4,527	0	4,137	2,554	3,741	12,554	66,233	973	67,206	167,915	164,223
1943.....	6,015	0	84,315	11,992	11,030	7,679	64,013	25,445	89,458	169,064	186,998
1944.....	4,430	0	27,941	2,977	10,398	2,736	158,259	389,314	547,573	210,874	163,965
1945 <sup>2</sup> .....	3,993	280	80,935	36,347	13,498	22,866	107,568	626	108,194	203,065	156,439
1946 <sup>2</sup> .....	5,050	5,553	280,386	7,629	6,894	8,315	135,430	140,789	276,219	263,168	163,055
1947 <sup>2</sup> .....	5,828	4,133	114,402	30,826	9,083	48,782	150,202	57,496	207,698	263,526	135,746
1948 <sup>2</sup> .....	4,893	3,573	58,584	30,607	14,919	19,291	421,892	130,662	552,554	204,424	128,327

<sup>1</sup> Less than 500.<sup>2</sup> Preliminary.<sup>3</sup> Excludes the weight of "other hides and skins," reported in pieces only.<sup>4</sup> 1942-45 include wool (ordinarily dutiable) imported free as an act of international courtesy.<sup>6</sup> Beginning August 1946, bales of 480 pounds; prior to August 1946, bales of 478 pounds.<sup>5</sup> Tons of 2,240 pounds.<sup>7</sup> Includes crin vegetal, hemp, istle or Tampico, kapok, New Zealand fiber, and "other."<sup>8</sup> Includes babassu nuts prior to Jan. 1, 1942.<sup>9</sup> Tons of 2,000 pounds.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census and the United States Tariff Commission.

TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS</b>					
Dairy products:			American cheddar, processed, blended, etc.—Continued	1,000 pounds	1,000 pounds
Butter, natural:			Europe—Continued	1	0
Canada.....	26	0	Other Europe.....		
Latin American Republics <sup>2</sup> —			Total Europe.....	25,698	39,668
Mexico.....	130	92	Palestine <sup>5</sup> .....	0	277
Guatemala.....	6	27	Indonesia.....	( <sup>4</sup> )	1,278
Honduras.....	10	20	Republic of Philippines.....	109	159
Panama Republic.....	745	465	Japan.....	1	2
Canal Zone.....	934	718	French Morocco.....	12	0
Cuba.....	815	719	Belgian Congo.....	12	2
Haiti.....	22	57	Union of South Africa.....	24	0
Colombia.....	28	59	Other countries.....	60	45
Venezuela.....	1,602	987	Total.....	26,184	41,958
Peru.....	58	110			
Other L. A. Republics.....	7	4	Other cheese, processed, blended, etc.:		
Total L. A. Republics.....	4,357	3,258	Canada.....	28	82
British West Indies <sup>3</sup> .....	20	9	Latin American Republics <sup>2</sup> —		
Netherlands Antilles.....	240	168	Mexico.....	346	160
Europe—			Guatemala.....	33	25
Denmark.....	15	0	Panama Republic.....	334	226
United Kingdom.....	40	57	Canal Zone.....	145	129
Netherlands.....	84	( <sup>4</sup> )	Cuba.....	67	96
Belgium and Luxembourg.....	364	0	Haiti.....	84	56
France.....	45	2	Colombia.....	38	9
Germany.....	3	11	Venezuela.....	871	664
Switzerland.....	3,831	0	Other L. A. Republics.....	109	50
Italy.....	1	23	Total L. A. Republics.....	2,027	1,415
Other Europe.....	2	4	British Honduras.....	21	22
Total Europe.....	4,385	97	British West Indies <sup>3</sup> .....	47	17
Saudi Arabia.....	190	179	Netherlands Antilles.....	180	141
Indonesia.....	51	49	Europe—		
Republic of Philippines.....	1,024	786	United Kingdom.....	965	10,737
Japan.....	24	42	Netherlands.....	0	30
Tangier.....	40	3	Belgium and Luxembourg.....	12,570	1,988
French Equatorial Africa.....	5	34	Germany.....	75	( <sup>4</sup> )
Liberia.....	13	13	Austria.....	4	23
Belgian Congo.....	59	0	Switzerland.....	205	3
Other countries.....	67	127	Italy.....	9	0
Total.....	10,501	4,765	Greece.....	52	102
			Other Europe.....	2	( <sup>4</sup> )
Cheese:			Total Europe.....	13,882	12,883
American cheddar, processed, blended, etc.			Palestine <sup>5</sup> .....	0	65
Canada.....	5	6	Saudi Arabia.....	33	97
Latin American Republics <sup>2</sup> —			Indonesia.....	423	1,434
Mexico.....	8	63	Republic of Philippines.....	206	249
Panama Republic.....	36	66	Hong Kong.....	18	11
Canal Zone.....	47	145	Japan.....	16	45
Cuba.....	12	14	French Morocco.....	20	0
Haiti.....	12	46	Belgian Congo.....	33	10
Venezuela.....	64	115	Union of South Africa.....	97	0
Other L. A. Republics.....	8	18	Other countries.....	215	73
Total L. A. Republics.....	187	467	Total.....	17,246	16,544
British Honduras.....	7	8	American cheddar, not processed, etc.:		
British West Indies <sup>3</sup> .....	18	9	Canada.....	28	100
Netherlands Antilles.....	51	39	Latin American Republics <sup>2</sup> —		
Europe—			Mexico.....	69	49
Norway.....	0	40	Panama Republic.....	5	27
United Kingdom.....	7,961	38,998	Venezuela.....	11	17
Belgium and Luxembourg.....	10,293	573	Other L. A. Republics.....	8	15
Germany.....	1,070	16	Total L. A. Republics.....	93	108
Austria.....	81	40	British Honduras.....	18	22
Switzerland.....	23	1			
Italy.....	109	0			
Greece.....	6,160	0			

See footnotes on page 549.

TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued			Milk, condensed—Continued		
Dairy products—Continued			L. A. Republics—Continued		
American cheddar, not processed, etc.—Continued	1,000 pounds	1,000 pounds	Peru	1,000 pounds	1,000 pounds
British West Indies <sup>3</sup>	13	3	Bolivia	970	1,691
Europe—			Chile	1,731	1,891
Norway	0	150	Brazil	164	600
United Kingdom	38,166	74,907	Other L. A. Republics	109	3
Belgium and Luxembourg	9,902	2,266		145	165
Germany	145	795	Total L. A. Republics	13,700	22,731
Austria	0	27			
Switzerland	22	0	British Honduras	626	116
Italy	0	41	British West Indies <sup>3</sup>	188	1,033
Greece	0	9,360	Netherlands Antilles	199	496
Other Europe	11	0	French West Indies	280	360
			French Guiana	504	0
Total Europe	48,246	87,546	Europe—		
Indonesia	5	218	United Kingdom	256	( <sup>4</sup> ) 1
Republic of Philippines	5	( <sup>4</sup> )	Netherlands	214	3,055
Other countries	63	22	Belgium and Luxembourg	21,441	446
			France	15,638	18
Total	48,471	88,019	Austria	1,286	26
			Switzerland	4,530	0
Other cheese, not processed, etc.:			U. S. S. R.	396	25
Canada	131	78	Portugal	73	0
Latin American Republics <sup>2</sup> —			Malta, Gozo, and Cyprus	295	1,812
Mexico	76	28	Italy	2,428	0
Guatemala	9	7	Albania	288	166
Panama Republic	29	42	Greece	10,744	11
Canal Zone	123	153	Other Europe	20	
Cuba	95	70			
Haiti	15	10	Total Europe	57,609	5,560
Colombia	8	108			
Venezuela	146	93	India <sup>5</sup>	1,411	3,474
Other L. A. Republics	17	4	Pakistan <sup>6</sup>	1,48	12
Total L. A. Republics	518	515	Ceylon	1,812	2,029
British West Indies <sup>3</sup>	25	30	Siam (Thailand)	1,067	44
Europe—			French Indochina	3,851	1,225
United Kingdom	6,889	149	British Malaya	23,337	32,006
Belgium and Luxembourg	4,016	2,936	Indonesia	1,107	4,633
Switzerland	137	0	Republic of Philippines	17,738	23,285
Greece	125	0	China	19	21
Other Europe	( <sup>4</sup> )	( <sup>4</sup> )	Korea	0	6
Total Europe	11,167	3,085	Hong Kong	634	67
			Japan	11	34
Palestine <sup>5</sup>	0	31	Tangier	146	0
Saudi Arabia	51	78	Spanish Africa <sup>7</sup>	257	42
Republic of Philippines	32	65	Cameroon	105	501
Hong Kong	17	15	French Equatorial Africa	45	689
Japan	9	3	French West Africa	632	2,489
Belgian Congo	34	6	Gold Coast	64	2
Other countries	45	63	Liberia	80	73
Total	12,029	3,969	Belgian Congo	411	510
			British East Africa	98	1
Milk, condensed:			Mozambique	350	443
Canada	655	122	Madagascar	487	763
Newfoundland and Labrador	733	759	Union of South Africa	64	452
Latin American Republics <sup>2</sup> —			Other countries	630	380
Mexico	166	175			
Guatemala	108	85	Total	128,898	104,358
Honduras	103	155			
Costa Rica	133	400	Milk, evaporated:		
Panama Republic	451	285	Canada	798	480
Canal Zone	935	2,542	Newfoundland and Labrador	6,502	4,654
Cuba	7,621	13,039	Latin American Republics <sup>2</sup> —		
Haiti	100	166	Mexico	6,544	3,905
Dominican Republic	749	759	Costa Rica	771	1,259
Colombia	80	23	Panama Republic	4,031	3,778
Venezuela	135	752	Canal Zone	5,625	3,075
			Cuba	26,126	17,313
			Haiti	821	681
			Dominican Republic	268	138
			Colombia	444	305
			Venezuela	1,649	1,460
			Peru	6,740	4,942

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>			<b>Milk, dried, whole—Continued</b>	<b>1,000</b>	<b>1,000</b>
Dairy products—Continued			L. A. Republics—Continued	<b>pounds</b>	<b>pounds</b>
Milk, evaporated—Continued			Canal Zone.....	851	1,016
L. A. Republics—Continued			Cuba.....	234	137
Bolivia.....	1,206	1,319	Haiti.....	95	71
Brazil.....	131	6	Dominican Republic.....	461	406
Other L. A. Republics.....	866	1,070	Colombia.....	621	429
Total L. A. Republics.....	55,222	39,256	Venezuela.....	28,692	38,522
British Honduras.....	264	227	Ecuador.....	98	252
British West Indies <sup>2</sup> .....	854	589	Peru.....	1,160	862
Netherlands Antilles.....	4,324	4,441	Bolivia.....	401	896
French West Indies.....	9	95	Brazil.....	3,362	1,177
Europe.....			Other L. A. Republics.....	270	266
Iceland.....	130	0	Total L. A. Republics.....	47,947	49,767
Sweden.....	24	0	British West Indies <sup>2</sup> .....	100	263
Denmark.....	92	0	Netherlands Antilles.....	606	919
United Kingdom.....	29,768	1	British Guiana.....	44	1
Netherlands.....	1,427	1	Europe.....		
Belgium and Luxembourg.....	132,310	78,856	United Kingdom.....	138	6
France.....	9,855	12,038	Netherlands.....	747	2
Germany.....	0	3,002	Belgium and Luxembourg.....	711	580
Austria.....	8,762	0	France.....	18,619	19,329
Switzerland.....	13,469	423	Germany.....	7,101	8,008
Poland and Danzig.....	29	35	Austria.....	6,622	64
Portugal.....	92	7	Czechoslovakia.....	108	241
Malta, Gozo, and Cyprus.....	4,495	0	Switzerland.....	1,699	1,994
Italy.....	26,488	5,295	Poland and Danzig.....	1,459	1,723
Trieste <sup>10</sup> .....	7,667	8,445	Italy.....	848	4
Greece.....	52,193	66,538	Trieste <sup>10</sup> .....	7,475	0
Other Europe.....	3	10	Yugoslavia.....	647	505
Total Europe.....	279,804	174,651	Greece.....	1,610	892
Syria <sup>11</sup> .....	69	1	Hungary.....	181	343
Lebanon <sup>8</sup> .....	780	57	Rumania.....	781	2,522
Palestine <sup>9</sup> .....	66	567	Bulgaria.....	220	1,245
Saudi Arabia.....	601	745	Other Europe.....	148	127
State of Bahrain.....	28	103	Total Europe.....	42,114	37,585
India <sup>8</sup> .....	248	813	Syria <sup>11</sup> .....	73	3
Pakistan <sup>6</sup> .....	722	13	Lebanon <sup>8</sup> .....	7,146	374
Burma.....	1,105	0	Iran.....	15	281
Siam (Thailand).....	130	2,724	Palestine <sup>9</sup> .....	23	145
British Malaya.....	6,983	1,211	Saudi Arabia.....	397	198
Indonesia.....	5,903	6,775	India <sup>8</sup> .....	1,840	922
Republic of Philippines.....	62,501	78,515	Pakistan <sup>6</sup> .....	710	68
China.....	75	14	Ceylon.....	144	28
Hong Kong.....	1,775	853	Burma.....	181	5
Japan.....	139	755	Siam (Thailand).....	64	173
French Pacific Islands.....	121	0	French Indochina.....	19	( <sup>1</sup> )
Egypt.....	25	1	British Malaya.....	545	297
Cameroon.....	63	45	Indonesia.....	464	364
French Equatorial Africa.....	35	176	Republic of Philippines.....	1,568	1,958
French West Africa.....	529	365	China.....	1,074	164
Gold Coast.....	1,266	3	Korea.....	0	2
Nigeria.....	675	243	Hong Kong.....	41	507
Other British West Africa.....	218	53	Japan.....	3,635	817
Liberia.....	186	266	Egypt.....	42	0
Belgian Congo.....	432	293	Gold Coast.....	48	3
Mozambique.....	183	68	Nigeria.....	112	53
Union of South Africa.....	2,617	3,306	Other British West Africa.....	12	8
Other countries.....	689	519	Angola <sup>4</sup> .....	71	329
Total.....	434,541	322,877	Other Portuguese Guinea <sup>12</sup> .....	66	1
Milk, dried, whole:			Liberia.....	32	43
Canada.....	43	0	Belgian Congo.....	1,296	1,115
Newfoundland and Labrador.....	15	30	Cameroon.....	60	158
Latin American Republics <sup>2</sup> .....			Mozambique.....	67	218
Mexico.....	9,399	2,999	French West Africa.....	6	209
Guatemala.....	576	875	Union of South Africa.....	506	649
Honduras.....	237	246	Southern Rhodesia.....	10	82
Costa Rica.....	297	641	Other countries.....	331	472
Panama Republic.....	1,193	972	Total.....	103,767	98,211

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued	1,000	1,000	Eggs in the shell—Continued	1,000	1,000
Dairy products—Continued	pounds	pounds	L. A. Republics—Continued	dozen	dozen
Nonfat dry milk solids:			Peru.....	56	0
Canada.....	36	9	Other L. A. Republics.....	23	( <sup>4</sup> )
Newfoundland and Labrador.....	146	432	Total L. A. Republics.....	19,477	15,824
Latin American Republics <sup>2</sup> —			British West Indies <sup>3</sup> .....	15	68
Mexico.....	2,824	4,540	Netherlands Antilles.....	771	604
Costa Rica.....	11	37	Europe—		
Panama Republic.....	148	215	United Kingdom.....	4	40
Canal Zone.....	60	249	Netherlands.....	531	0
Cuba.....	1,624	1,688	Belgium and Luxembourg.....	3,834	2
Venezuela.....	218	575	Switzerland.....	8,305	399
Peru.....	184	105	Other Europe.....	( <sup>4</sup> )	( <sup>4</sup> )
Bolivia.....	48	4	Total Europe.....	12,674	441
Brazil.....	267	213	Saudi Arabia.....	227	325
Other L. A. Republics.....	49	179	State of Bahrain.....	20	46
Total L. A. Republics.....	5,433	7,805	Republic of Philippines.....	683	149
British West Indies <sup>3</sup> .....	158	38	Japan.....	25	16
Netherlands Antilles.....	31	28	Other countries.....	39	29
Europe—			Total.....	33,976	17,530
Denmark.....	659	168	Egg albumen: <sup>13</sup>	1,000	1,000
United Kingdom.....	14,806	0	Canada.....	pounds	pounds
Netherlands.....	12,315	5,616	Latin American Republics <sup>2</sup> —	( <sup>4</sup> )	( <sup>4</sup> )
Belgium and Luxembourg.....	5,245	3,271	Mexico.....	15	14 6
France.....	5,423	0	Panama Republic.....	8	14 3
Germany.....	91,387	57,010	Canal Zone.....	8	14 0
Austria.....	4,058	6,915	Cuba.....	16	14 10
Czechoslovakia.....	1,444	3,343	Venezuela.....	7	14 1
Hungary.....	4,383	2,918	Argentina.....	2	14 0
Switzerland.....	2,223	763	Other L. A. Republics.....	1	14 1
Finland.....	1,905	307	Total L. A. Republics.....	57	14 21
Poland and Danzig.....	14,382	10,636	Europe—		
Portugal.....	54	0	Sweden.....	0	14 11
Malta, Gozo and Cyprus.....	22	0	Denmark.....	23	14 0
Italy.....	16,607	12,985	United Kingdom.....	162	14 0
Trieste <sup>10</sup> .....	774	169	Netherlands.....	33	14 0
Yugoslavia.....	4,907	8,615	Belgium and Luxembourg.....	246	14 103
Albania.....	165	548	France.....	31	14 0
Greece.....	13,458	15,612	Switzerland.....	368	14 129
Rumania.....	6,201	6,443	Other Europe.....	3	( <sup>4</sup> ) ( <sup>14</sup> )
Bulgaria.....	2,796	4,337	Total Europe.....	866	14 243
Other Europe.....	( <sup>4</sup> )	0	Republic of Philippines.....	15	14 1
Total Europe.....	203,214	139,656	Korea.....	0	14 1
Lebanon <sup>6</sup> .....	77	3,223	Union of South Africa.....	6	14 3
Palestine <sup>5</sup> .....	1,723	6,036	Other countries.....	2	14 1
India <sup>8</sup> .....	2,450	3,861	Total.....	946	14 274
Pakistan <sup>6</sup> .....	740	0	Egg products dried:		
Ceylon.....	0	1,052	Canada.....	1	8
British Malaya.....	1,865	1,691	Latin American Republics <sup>2</sup> —		
Republic of Philippines.....	252	1,002	Mexico.....	29	5
China.....	480	630	Panama Republic.....	3	( <sup>4</sup> )
Korea.....	6,398	0	Canal Zone.....	11	26
Japan.....	36,439	29,619	Cuba.....	10	10
Egypt.....	0	227	Venezuela.....	17	30
Belgian Congo.....	73	8	Other L. A. Republics.....	7	11
Union of South Africa.....	46	35	Total L. A. Republics.....	77	82
Other countries.....	110	298	Europe—		
Total.....	258,901	195,650	Denmark.....	4	0
Eggs and egg products:	1,000	1,000	United Kingdom.....	30,166	208
Eggs in the shell:	dozen	dozen			
Canada.....	45	28			
Latin American Republics <sup>2</sup> —					
Mexico.....	7,169	1,751			
Panama Republic.....	430	301			
Canal Zone.....	1,629	1,294			
Cuba.....	4,691	4,174			
Venezuela.....	5,479	8,304			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued			Beef and veal, fresh or frozen—Con.	1,000	1,000
Eggs and egg products—Continued			Latin American Republics <sup>2</sup> —	pounds	pounds
Egg products, dried—Continued	1,000	1,000	Mexico.....	6	( <sup>4</sup> )
Europe—Continued	pounds	pounds	Panama Republic.....	76	22
Belgium and Luxembourg.....	40	20	Canal Zone.....	240	210
France.....	449	1	Cuba.....	87	19
Germany.....	19,694	3,765	Venezuela.....	154	478
Austria.....	2,387	3,646	Other L. A. Republics.....	10	8
Switzerland.....	237	177			
Italy.....	2,136	0	Total L. A. Republics.....	573	737
Other Europe.....	1	3			
Total Europe.....	55,114	7,820	British West Indies <sup>3</sup> .....	257	200
			Netherlands Antilles.....	241	312
Palestine <sup>5</sup> .....	1	134	Europe—		
Saudi Arabia.....	3	109	Sweden.....	502	0
Indonesia.....	467	246	United Kingdom.....	47,194	1
Republic of Philippines.....	3	( <sup>4</sup> )	Belgium and Luxembourg.....	10,233	0
Japan.....	31	2	Switzerland.....	61	0
Egypt.....	373	0	Portugal.....	6	0
Other countries.....	22	25	Greece.....	3,451	0
			Other Europe.....	2	1
Total.....	56,092	8,426	Total Europe.....	61,449	2
Egg products frozen:					
Latin American Republics <sup>2</sup> —			Kuwait.....	0	245
Mexico.....	966	540	Saudi Arabia.....	1,179	1,255
Panama Republic.....	72	31	State of Bahrain.....	204	221
Canal Zone.....	54	79	Republic of Philippines.....	874	343
Cuba.....	30	2	Japan.....	118	34
Venezuela.....	65	109	Liberia.....	3	5
Other L. A. Republics.....	( <sup>4</sup> )	1	Other countries.....	2	4
Total L. A. Republics.....	1,187	762	Total.....	65,048	3,514
British West Indies <sup>3</sup> .....	13	16			
Netherlands Antilles.....	17	27	Horse meat:		
Europe—			Canada.....	254	4,226
United Kingdom.....	0	15,760	Canal Zone.....	16	4
Netherlands.....	32	0	Other L. A. Republics <sup>2</sup> .....	0	4
Belgium and Luxembourg.....	2,968	1,962	Europe—		
France.....	35	0	Sweden.....	5,182	0
Switzerland.....	1,330	822	Netherlands.....	1,367	2,611
Italy.....	0	40	Belgium and Luxembourg.....	33,969	34,550
Total Europe.....	4,365	18,584	France.....	139	339
			Germany.....	3,055	43,233
State of Bahrain.....	1	20	Austria.....	22,564	8,096
Indonesia.....	14	5	Switzerland.....	110	242
Republic of Philippines.....	2	1	U. S. S. R.....	0	75
Japan.....	7	6	Italy.....	683	0
Other countries.....	0	1	Other Europe.....	( <sup>4</sup> )	1
Total.....	5,606	19,422	Total Europe.....	67,069	89,047
Egg products otherwise preserved:					
Latin American Republics—			Republic of Philippines.....	10	18
Europe—			Japan.....	50	0
Belgium.....	6	0	Liberia.....	0	20
Switzerland.....	13	0	Belgian Congo.....	405	559
Other Europe.....	( <sup>4</sup> )	0	Other countries.....	0	0
Total Europe.....	19	0	Total.....	67,804	93,878
Republic of Philippines.....	0	7			
Japan.....	1	0	Mutton and lamb:		
Egypt.....	0	2	Canada.....	1	18
Other countries.....	0	2	Newfoundland and Labrador.....	4	0
Total.....	23	12	Latin American Republics <sup>2</sup> —		
Meats:			Mexico.....	4	0
Beef and veal, fresh or frozen:			Cuba.....	8	7
Canada.....	46	47	Venezuela.....	64	103
Newfoundland and Labrador.....	102	109	Other L. A. Republics.....	3	7
			Total L. A. Republics.....	79	117
			British West Indies <sup>3</sup> .....	93	64
			Netherlands Antilles.....	64	31

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued			Bacon and sides—Continued	1,000	1,000
Meats—Continued			Europe—Continued	pounds	pounds
Mutton and Lamb—Continued			Portugal.....	4	( <sup>4</sup> )
Europe—			Italy.....	305	( <sup>4</sup> )
United Kingdom.....	4, 147	0	Greece.....	0	6
France.....	50	0	Other Europe.....	1	2
Greece.....	2, 057	0			
Other Europe.....	1	0	Total Europe.....	345	396
Total Europe.....	6, 255	0			
Saudi Arabia.....	407	535	Kuwait.....	0	44
State of Bahrain.....	45	53	Saudi Arabia.....	92	157
Republic of Philippines.....	133	45	Afghanistan.....	7	3
Japan.....	13	1	Republic of Philippines.....	86	140
Belgian Congo.....	37	0	Japan.....	11	5
Other countries.....	1	0	Liberia.....	13	20
Total.....	7, 132	864	Other countries.....	16	21
			Total.....	3, 968	8, 891
Pork, fresh or frozen:			Hams and shoulders:		
Canada.....	1, 471	2, 763	Canada.....	12	0
Newfoundland and Labrador.....	64	205	Latin American Republics <sup>2</sup> —		
Latin American Republics <sup>2</sup> —			Mexico.....	12	1
Mexico.....	2	2	Honduras.....	9	7
Panama Republic.....	115	15	Panama Republic.....	188	135
Canal Zone.....	1, 116	1, 115	Canal Zone.....	407	371
Cuba.....	105	82	Cuba.....	2, 888	3, 048
Venezuela.....	49	228	Haiti.....	19	15
Other L. A. Republics.....	( <sup>4</sup> )	6	Dominican Republic.....	35	69
Total L. A. Republics.....	1, 387	1, 448	Venezuela.....	813	1, 169
			Other L. A. Republics.....	19	35
British West Indies <sup>3</sup> .....	33	42	Total L. A. Republics.....	4, 390	4, 850
Netherlands Antilles.....	139	136			
Europe—			British West Indies <sup>3</sup> .....	75	41
United Kingdom.....	14	5, 951	Netherlands Antilles.....	94	102
Belgium and Luxembourg.....	0	15	Europe—		
Germany.....	113	0	United Kingdom.....	26	19
Switzerland.....	195	0	Netherlands.....	4	0
Other Europe.....	( <sup>4</sup> )	0	France.....	2	0
Total Europe.....	322	5, 966	Other Europe.....	2	( <sup>4</sup> )
Saudi Arabia.....	65	169	Total Europe.....	34	19
State of Bahrain.....	15	30			
Republic of Philippines.....	145	72	Kuwait.....	0	46
Japan.....	21	10	Siam (Thailand).....	0	10
Other countries.....	6	17	Saudi Arabia.....	65	59
Total.....	3, 668	10, 858	Republic of Philippines.....	289	116
			Japan.....	19	4
Bacon and sides:			Liberia.....	27	22
Canada.....	81	40	Other countries.....	42	13
Newfoundland and Labrador.....	177	42	Total.....	5, 047	5, 282
Latin American Republics <sup>2</sup> —					
Mexico.....	7	3	Pork, pickled or salted:		
Panama Republic.....	52	59	Canada.....	371	697
Canal Zone.....	373	392	Newfoundland and Labrador.....	2, 149	3, 316
Cuba.....	2, 355	7, 218	Latin American Republics <sup>2</sup> —		
Venezuela.....	145	162	Mexico.....	3	12
Other L. A. Republics.....	39	59	Panama Republic.....	220	111
Total L. A. Republics.....	2, 971	7, 893	Canal Zone.....	132	103
British West Indies <sup>3</sup> .....	53	72	Cuba.....	6, 620	2, 342
Netherlands Antilles.....	116	58	Haiti.....	24	3
Europe—			Venezuela.....	46	3
Norway.....	0	59	Other L. A. Republics.....	1	0
United Kingdom.....	15	7	Total L. A. Republics.....	7, 046	2, 685
Belgium and Luxembourg.....	9	33			
France.....	2	1	British Honduras <sup>4</sup> .....	35	23
Germany.....	0	288	British West Indies <sup>3</sup> .....	239	322
Czechoslovakia.....	9	( <sup>4</sup> )	Netherlands Antilles.....	118	176
			French West Indies.....	90	0
			Europe—		
			Norway.....	90	105
			Belgium and Luxembourg.....	0	11

See footnotes on page 549.



TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued			Pork, canned—Continued	1,000	1,000
Meats—Continued			L. A. Republics—Continued	pounds	pounds
Pork, pickled or salted—Con.			Costa Rica.....	26	24
Europe—Continued			Panama Republic.....	176	153
Germany.....	1,697	5,847	Canal Zone.....	297	361
Italy.....	2,200	0	Cuba.....	736	816
Other Europe.....	0	0	Haiti.....	16	13
Total Europe.....	3,987	5,963	Dominican Republic.....	55	31
Saudi Arabia.....	12	5	Colombia.....	58	41
Republic of Philippines.....	1	0	Venezuela.....	1,515	1,633
Gold Coast.....	125	0	Other L. A. Republics.....	40	46
Liberia.....	20	28	Total L. A. Republics.....	3,029	3,180
Other countries.....	4	21	British West Indies <sup>2</sup> .....	128	91
Total.....	14,197	13,236	Netherlands Antilles.....	139	143
Beef, canned:			Europe—		
Canada.....	3	(*)	Norway.....	1	1
Newfoundland and Labrador.....	13	0	Denmark.....	(*)	12
Latin American Republics <sup>2</sup> —			United Kingdom.....	157	94
Mexico.....	20	1	Netherlands.....	(*)	2
Panama Republic.....	25	12	France.....	10	7
Canal Zone.....	80	117	Germany.....	243	86
Cuba.....	28	11	Austria.....	18	2
Colombia.....	30	18	Czechoslovakia.....	4	0
Venezuela.....	266	156	Switzerland.....	80	6
Peru.....	10	0	Azores.....	(*)	5
Brazil.....	14	0	Italy.....	77	10
Other L. A. Republics.....	31	13	Greece.....	1,126	3
Total L. A. Republics.....	504	328	Other Europe.....	5	3
British West Indies <sup>3</sup> .....	45	14	Total Europe.....	1,721	231
Netherlands Antilles.....	72	23	Syria <sup>11</sup> .....	11	0
French West Indies.....	11	0	Lebanon <sup>4</sup> .....	7	0
Europe—			Saudi Arabia.....	189	187
United Kingdom.....	48	31	State of Bahrain.....	29	52
Netherlands.....	6	1	British Malaya.....	51	0
Belgium and Luxembourg.....	4	1	Indonesia.....	173	106
France.....	4	10	Republic of Philippines.....	1,077	920
Germany.....	21	76	Korea.....	0	1
Austria.....	5	8	Japan.....	65	8
Switzerland.....	1	19	Gold Coast.....	46	0
Poland and Danzig.....	4	0	Nigeria.....	5	0
Italy.....	13	(*)	Liberia.....	14	16
Greece.....	6,652	3,592	Belgian Congo.....	6	1
Other Europe.....	4	1	Union of South Africa.....	281	145
Total Europe.....	6,762	3,739	Other countries.....	79	65
Kuwait.....	0	53	Total.....	7,083	5,154
Syria <sup>11</sup> .....	27	0	Sausage canned:		
Palestine <sup>5</sup> .....	82	18	Canada.....	5	3
Saudi Arabia.....	167	53	Newfoundland and Labrador.....	36	4
Indonesia.....	88	78	Latin American Republics <sup>2</sup> —		
Republic of Philippines.....	272	110	Honduras.....	37	25
Japan.....	1,066	69	Costa Rica.....	19	25
Gold Coast.....	37	0	Panama Republic.....	51	22
Liberia.....	4	5	Canal Zone.....	74	91
Belgian Congo.....	28	0	Cuba.....	50	18
Union of South Africa.....	140	82	Colombia.....	108	69
Other countries.....	40	7	Venezuela.....	457	226
Total.....	9,361	4,579	Other L. A. Republics.....	49	40
Pork, canned:			Total L. A. Republics.....	845	516
Canada.....	8	8	British West Indies <sup>3</sup> .....	109	50
Newfoundland and Labrador.....	26	0	Netherlands Antilles.....	73	60
Latin American Republics <sup>2</sup> —			French West Indies.....	7	0
Mexico.....	48	1	Europe—		
Guatemala.....	38	40	United Kingdom.....	13	14
Honduras.....	24	21	Belgium and Luxembourg.....	20	0
			France.....	6	6
			Germany.....	84	11

See footnotes on page 549.

TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued					
Meats—Continued					
Sausage, canned—Continued			Other canned meats:		
Europe—Continued	1,000 pounds	1,000 pounds	Canada.....	7	65
Austria.....	143	2	Newfoundland and Labrador.....	205	32
Italy.....	64	1	Latin American Republics <sup>2</sup> —		
Greece.....	927	0	Mexico.....	56	2
Other Europe.....	1	2	Honduras.....	36	6
Total Europe.....	1,258	36	Costa Rica.....	49	38
Saudi Arabia.....	102	28	Panama Republic.....	36	21
Indonesia.....	139	90	Canal Zone.....	152	149
Republic of Philippines.....	1,768	1,358	Cuba.....	70	29
Japan.....	341	3	Colombia.....	103	25
Gold Coast.....	5	0	Venezuela.....	573	347
Nigeria.....	5	0	Other L. A. Republics.....	38	6
Liberia.....	12	10	Total L. A. Republics.....	1,113	623
Belgian Congo.....	19	0	British West Indies <sup>3</sup> .....	54	45
Other countries.....	72	68	Netherlands Antilles.....	52	33
Total.....	4,796	2,226	Europe—		
Baby food, canned, meat, strained or chopped: <sup>16</sup>			United Kingdom.....	26	12
Latin American Republics <sup>2</sup> —			Belgium and Luxembourg.....	118	1
Canal Zone.....		7 8	France.....	29	10
Cuba.....		7 12	Germany.....	9,055	2,417
Venezuela.....		7 5	Austria.....	241	0
Other L. A. Republics.....		7 0	Switzerland.....	32	2
Total L. A. Republics.....		7 25	Italy.....	30	5
Europe.....		(4) (7)	Sweden.....	46	0
Republic of Philippines.....		7 13	Greece.....	5,972	447
Other countries.....		7 1	Other Europe.....	8	(4)
Total.....		7 39	Total Europe.....	15,557	2,894
Chicken, canned:			Palestine <sup>5</sup> .....	102	75
Canada.....	4	(4)	Saudi Arabia.....	32	37
Latin American Republics <sup>2</sup> —			Indonesia.....	56	19
Canal Zone.....	21	12	Republic of Philippines.....	1,673	2,553
Cuba.....	3	2	Korea.....	1	0
Colombia.....	5	6	Japan.....	838	32
Venezuela.....	55	171	French Pacific Islands.....	33	5
Other L. A. Republics.....	3	3	Gold Coast.....	11	1
Total L. A. Republics.....	87	194	Liberia.....	14	2
British West Indies <sup>3</sup> .....	4	8	Belgian Congo.....	7	3
Netherlands Antilles.....		6	Union of South Africa.....	250	59
Europe—			Other countries.....	103	34
United Kingdom.....	5	10	Total.....	20,108	6,512
Belgium and Luxembourg.....	161	0			
Germany.....	(4)	31	Oils and fats:		
Switzerland.....	3	0	Lard, including neutral:		
Greece.....	92	0	Canada.....	6,597	5,200
Other Europe.....	1	1	Newfoundland and Labrador.....	319	286
Total Europe.....	262	42	Latin American Republics <sup>2</sup> —		
Syria <sup>11</sup> .....	16	0	Mexico.....	21,847	19,886
Palestine <sup>5</sup> .....	29	2	Guatemala.....	291	2,427
Saudi Arabia.....	46	19	Costa Rica.....	2,285	2,807
India <sup>8</sup> .....	6	0	Panama Republic.....	2,426	3,430
Indonesia.....	8	10	Canal Zone.....	1,596	1,365
Republic of Philippines.....	12	4	Cuba.....	73,063	99,395
Japan.....	125	11	Haiti.....	948	3,422
Union of South Africa.....	2	11	Dominican Republic.....	959	1,082
Other countries.....	16	32	Colombia.....	4,727	13,529
Total.....	624	339	Venezuela.....	6,907	14,978
			Ecuador.....	3,183	247
			Peru.....	3,289	1,095
			Bolivia.....	1,415	2,717
			Brazil.....	3	14,719
			Other L. A. Republics.....	495	219
			Total L. A. Republics.....	123,444	181,318
			British West Indies <sup>3</sup> .....	2	99
			Netherlands Antilles.....	627	889
			French West Indies.....	1,058	2,300

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>			<b>Tallow—Continued</b>		
<b>Oils and fats—Continued</b>			<b>L. A. Republics—Continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
<b>Lard, including neutral—Con.</b>			Chile.....	0	1,159
<b>Europe—</b>			Other L. A. Republics.....	17	131
Sweden.....	0	4	<b>Total L. A. Republics.....</b>	<b>19,966</b>	<b>58,454</b>
Denmark.....	(4)	531	<b>British Honduras.....</b>	<b>1</b>	<b>200</b>
United Kingdom.....	6	57,665	<b>British West Indies<sup>2</sup>.....</b>	<b>355</b>	<b>1,733</b>
Netherlands.....	2,202	2,766	<b>Europe—</b>		
Belgium and Luxembourg.....	26,234	14,907	Iceland.....	116	0
France.....	40,764	20,421	Sweden.....	0	2,050
Germany.....	51,288	106,400	Norway.....	220	3,197
Austria.....	33,024	55,159	Denmark.....	0	440
Czechoslovakia.....	8,325	816	United Kingdom.....	0	4
Hungary.....	0	1,545	Ireland (Eire).....	0	1,102
Switzerland.....	2,862	4,912	Netherlands.....	7,809	7,678
Finland.....	5,065	77	Belgium and Luxembourg.....	1,497	16,239
Poland and Danzig.....	4,788	8,253	France.....	5,551	23,767
Italy.....	24,979	4,893	Germany.....	2,380	34,426
Trieste <sup>10</sup> .....	7,904	2,681	Austria.....	222	5,764
Yugoslavia.....	1,790	14,902	Czechoslovakia.....	0	3,525
Greece.....	5,761	1,165	Switzerland.....	2,672	10,515
Rumania.....	846	0	Poland and Danzig.....	0	8,925
Bulgaria.....	361	412	Finland.....	501	0
Albania.....	26	0	Spain.....	0	328
Other Europe.....	0	0	Portugal.....	0	80
<b>Total Europe.....</b>	<b>209,225</b>	<b>297,539</b>	Italy.....	0	44,440
Republic of Philippines.....	186	94	Trieste <sup>10</sup> .....	7,493	682
China.....	40	21	Yugoslavia.....	0	59
Korea.....	0	22	Greece.....	2	195
Japan.....	8	37	Other Europe.....	0	1
French Somaliland.....	0	17	<b>Total Europe.....</b>	<b>21,473</b>	<b>163,417</b>
Madagascar.....	382	268	<b>Turkey.....</b>	<b>0</b>	<b>55</b>
Union of South Africa.....	307	348	Trans-Jordan <sup>6</sup> .....	7	110
Other countries.....	179	417	Ceylon.....	0	1,503
<b>Total.....</b>	<b>342,374</b>	<b>488,855</b>	Siam (Thailand).....	169	1,121
<b>Oleo oil:</b>			Republic of Philippines.....	471	4,819
<b>Latin American Republics<sup>2</sup>—</b>			China.....	0	32
Mexico.....	69	0	Japan.....	0	5,576
Cuba.....	33	34	Algeria.....	10	0
Colombia.....	0	19	Egypt.....	0	1,079
Venezuela.....	0	21	Angola <sup>8</sup> .....	7	112
Other L. A. Republics.....	0	0	Mozambique.....	0	224
<b>Total L. A. Republics.....</b>	<b>102</b>	<b>74</b>	Northern Rhodesia.....	0	107
Belgium and Luxembourg.....	0	267	Southern Rhodesia.....	0	1,047
Republic of Philippines.....	0	54	Union of South Africa.....	3,635	10,249
Hong Kong.....	7	39	Other countries.....	12	287
Other Countries.....	0	1	<b>Total.....</b>	<b>57,117</b>	<b>259,936</b>
<b>Total.....</b>	<b>109</b>	<b>435</b>	<b>Honey:</b>		
<b>Tallow:</b>			Canada.....	830	3
Canada.....	11,025	9,811	Latin American Republics <sup>2</sup> —	27	3
Latin American Republics <sup>2</sup> —			British West Indies <sup>3</sup> .....	2	2
Mexico.....	519	18,844	Netherlands Antilles.....	4	3
Guatemala.....	388	1,585	<b>Europe—</b>		
El Salvador.....	0	294	Denmark.....	8	22
Honduras.....	38	648	Belgium and Luxembourg.....	185	261
Nicaragua.....	102	210	France.....	3	35
Costa Rica.....	127	863	Germany.....	4,903	6,260
Panama Republic.....	780	1,598	Austria.....	5	0
Cuba.....	15,689	20,602	Switzerland.....	48	124
Dominican Republic.....	687	1,156	Finland.....	6	5
Colombia.....	712	2,198	Italy.....	39	142
Venezuela.....	365	3,705	Other Europe.....	2	13
Ecuador.....	69	1,836	<b>Total Europe.....</b>	<b>5,199</b>	<b>6,862</b>
Peru.....	370	2,727	Saudi Arabia.....	12	22
Bolivia.....	103	898	India <sup>8</sup> .....	19	0
			Indonesia.....	25	105

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>					
Oils and fats—Continued			Linters—Continued		
Honey—Continued			Other countries.....	1,000 bales	1,000 bales ( <sup>1</sup> )
Republic of Philippines.....	14	21		0	
Hong Kong.....	52	60	Total.....	262	261
Japan.....	6	8			
Belgian Congo.....	7	4			
Other countries.....	5	15			
Total.....	6,202	7,108			
<b>VEGETABLE PRODUCTS</b>			<b>Fruits, fresh:</b>		
Cotton and linters unmanufactured: (480 lb.) <sup>17</sup>			Apples, fresh:		
Cotton:	1,000 bales	1,000 bales	Canada.....	1,000 pounds	1,000 pounds
Canada.....	135	204	Newfoundland and Labrador.....	9,333	2,808
Latin American Republics <sup>2</sup> .....	14	125	Latin American Republics <sup>2</sup> —	408	319
Europe—			Mexico.....	8,424	1,787
Sweden.....	6	( <sup>1</sup> )	Guatemala.....	183	182
Norway.....	3	16	El Salvador.....	196	163
Denmark.....	0	32	Honduras.....	192	158
United Kingdom.....	267	759	Nicaragua.....	200	167
Ireland (Eire).....	1	3	Costa Rica.....	379	390
Netherlands.....	36	191	Panama Republic.....	859	775
Belgium and Luxembourg.....	52	145	Canal Zone.....	835	439
France.....	202	668	Cuba.....	14,093	11,043
Germany.....	229	474	Dominican Republic.....	888	593
Austria.....	( <sup>1</sup> )	76	Colombia.....	891	655
Czechoslovakia.....	22	32	Venezuela.....	12,166	7,428
Hungary.....	( <sup>1</sup> )	6	Brazil.....	3,261	1,573
Switzerland.....	2	38	Uruguay.....	0	211
Finland.....	27	32	Other L. A. Republics.....	136	63
Poland and Danzig.....	50	84	Total L. A. Republics.....	42,703	25,627
U. S. S. R.....	0	28			
Spain.....	2	69	British West Indies <sup>3</sup> .....	408	335
Italy.....	77	647	Netherlands Antilles.....	1,390	1,163
Trieste <sup>10</sup> .....	7	6	Europe—		
Yugoslavia.....	0	40	Iceland.....	10	1
Greece.....	1	10	Sweden.....	13,891	0
Rumania.....	0	14	United Kingdom.....	44	7
Other Europe.....	0	7	Netherlands.....	0	1,682
Total Europe.....	977	3,377	Belgium and Luxembourg.....	1,687	12,949
			Switzerland.....	421	380
Palestine <sup>5</sup> .....	3	10	Other Europe.....	1	0
India <sup>6</sup> .....	9	14	Total Europe.....	16,054	15,019
French Indochina.....	4	8			
Indonesia.....	1	8	Palestine <sup>5</sup> .....	689	0
Republic of Philippines.....	2	3	India <sup>6</sup> .....	176	34
China.....	287	359	Ceylon.....	1,321	0
Hong Kong.....	0	29	British Malaya.....	44	323
Korea.....	59	32	Indonesia.....	9	36
Japan.....	451	611	Republic of Philippines.....	42,574	16,311
French Morocco.....	0	7	Hong Kong.....	11,378	2,759
Union of South Africa.....	3	5	Japan.....	40	4
Other countries.....	11	3	French Morocco.....	106	37
Total.....	1,956	4,885	Union of South Africa.....	35	58
			Other countries.....	328	478
Linters:			Total.....	126,996	65,311
Canada.....	20	27			
Latin American Republics <sup>2</sup> .....	( <sup>1</sup> )	1	<b>Grapes, fresh:</b>		
Europe—			Canada.....	47,690	49,467
United Kingdom.....	143	83	Newfoundland and Labrador.....	291	259
Belgium and Luxembourg.....	1	( <sup>1</sup> )	Latin American Republics <sup>2</sup> —		
France.....	47	31	Mexico.....	6,155	2,165
Germany.....	34	95	Guatemala.....	343	329
Switzerland.....	( <sup>1</sup> )	1	El Salvador.....	323	223
Other Europe.....	1	1	Honduras.....	194	124
Total Europe.....	226	211	Nicaragua.....	71	64
			Costa Rica.....	231	197
Japan.....	15	19	Panama Republic.....	379	335
Union of South Africa.....	1	3	Canal Zone.....	238	164
			Cuba.....	4,280	4,493
			Haiti.....	33	22
			Dominican Republic.....	431	331
			Colombia.....	384	224
			Venezuela.....	7,435	5,923

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Grapefruit, fresh—Continued	1,000 pounds	1,000 pounds
Fruits, fresh—Continued			Europe—		
Grapes, fresh—Continued	1,000 pounds	1,000 pounds	Iceland.....	6	0
L. A. Republics—Continued			Sweden.....	24	152
Brazil.....	3,518	1,766	Norway.....	43	38
Other L. A. Republics.....	(4)	0	United Kingdom.....	24	4
Total L. A. Republics.....	24,015	16,360	Netherlands.....	1,788	343
British Honduras.....	21	18	Belgium and Luxembourg.....	15,907	23,038
British West Indies <sup>3</sup> .....	108	102	France.....	0	4
Netherlands Antilles.....	247	97	Germany.....	0	12
British Guiana.....	11	0	Switzerland.....	2,791	4,475
Europe.....	1	5	Finland.....	6	10
Ceylon.....	1,220	8	Other Europe.....	0	0
British Malaya.....	43	581	Total Europe.....	20,589	28,076
Republic of Philippines.....	17,790	6,483	Saudi Arabia.....	141	143
Hong Kong.....	2,887	1,319	Republic of Philippines.....	243	134
Japan.....	16	0	Hong Kong.....	218	102
Other countries.....	13	20	Japan.....	20	6
Total.....	94,353	74,719	Other countries.....	102	120
Pears, fresh:			Total.....	149,304	159,450
Canada.....	18,683	28	Lemons and limes:		
Newfoundland and Labrador.....	89	25	Canada.....	21,404	7,511
Latin American Republics <sup>2</sup> —			Latin American Republics <sup>2</sup> .....	818	681
Mexico.....	1,235	134	British West Indies <sup>3</sup> .....	100	48
Honduras.....	45	13	Netherlands Antilles.....	149	127
Costa Rica.....	38	31	Europe—		
Panama Republic.....	339	253	United Kingdom.....	18	0
Canal Zone.....	152	90	Belgium and Luxembourg.....	1,143	16
Cuba.....	4,099	2,135	Poland and Danzig.....	37	0
Dominican Republic.....	218	111	Other Europe.....	0	0
Colombia.....	202	96	Total Europe.....	1,198	16
Venezuela.....	4,691	2,703	Saudi Arabia.....	132	140
Haiti.....	23	10	Indonesia.....	17	60
Brazil.....	10,225	5,282	Republic of Philippines.....	234	173
Other L. A. Republics.....	19	8	Hong Kong.....	309	211
Total L. A. Republics.....	21,286	10,866	Japan.....	9	20
British Honduras.....	10	13	Other countries.....	66	35
British West Indies <sup>3</sup> .....	56	23	Total.....	24,436	9,022
Netherlands Antilles.....	288	141	Oranges, fresh:		
Europe—			Canada.....	388,509	344,401
Iceland.....	6	0	Newfoundland and Labrador.....	2,603	2,250
Sweden.....	4,711	0	Latin American Republics <sup>2</sup> —		
United Kingdom.....	24,072	0	Mexico.....	6,996	3,707
Ireland (Eire).....	100	0	Canal Zone.....	488	335
Netherlands.....	236	573	Other L. A. Republics.....	70	91
Belgium and Luxembourg.....	26	3,021	Total L. A. Republics.....	7,554	4,133
Switzerland.....	0	249	British West Indies <sup>3</sup> .....	1,234	901
Other Europe.....	0	0	Netherlands Antilles.....	1,676	1,558
Total Europe.....	29,151	3,843	Europe—		
Palestine <sup>5</sup> .....	276	10	Iceland.....	23	2
Indonesia.....	7	37	Sweden.....	4	0
Republic of Philippines.....	245	85	Norway.....	134	109
Hong Kong.....	258	92	Denmark.....	(4)	41
Egypt.....	68	0	United Kingdom.....	62	0
Other countries.....	19	18	Netherlands.....	8,027	1,140
Total.....	70,436	15,181	Belgium and Luxembourg.....	71,023	66,974
Grapefruit, fresh:			France.....	1,682	8,342
Canada.....	126,493	129,700	Switzerland.....	4,445	10,809
Newfoundland and Labrador.....	526	464	Poland and Danzig.....	21	10
Latin American Republics <sup>2</sup> .....	556	360	Other Europe.....	2	0
British West Indies <sup>3</sup> .....	152	60	Total Europe.....	85,423	85,427
Netherlands Antilles.....	264	285			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Apricots, dried—Continued</b>		
Fruits, fresh—Continued	1,000 pounds	1,000 pounds	L. A. Republics—Continued	1,000 pounds	1,000 pounds
Oranges, fresh—Continued			Brazil	275	8
British Malaya	1,772	652	Other L. A. Republics	6	6
Republic of Philippines	39,510	15,672	Total L. A. Republics	463	154
China	237	0	British West Indies <sup>3</sup>	3	1
Hong Kong	31,562	18,469	Netherlands Antilles	14	8
Japan	73	45	Europe—		
Other countries	419	525	Norway	39	9
Total	560,572	474,033	Denmark	5	35
<b>Fruits, dried:</b>			Netherlands	244	331
Apples, dried and evaporated:			Belgium and Luxembourg	1,687	2,164
Canada	781	16	France	46	79
Newfoundland and Labrador	68	12	Germany	(4)	2,836
Latin American Republics <sup>2</sup> —			Austria	7	0
Mexico	16	35	Switzerland	352	225
Canal Zone	11	12	Italy	14	38
Cuba	19	24	Other Europe	(4)	1
Colombia	35	2	Total Europe	2,394	5,718
Venezuela	154	109	Palestine <sup>5</sup>	0	25
Brazil	20	0	Saudi Arabia	12	23
Other L. A. Republics	17	18	India <sup>8</sup>	10	0
Total L. A. Republics	272	200	Indonesia	423	234
Netherlands Antilles	17	8	Republic of Philippines	3	0
Europe—			Hong Kong	14	17
Norway	33	14	Japan	11	6
United Kingdom	1,583	0	New Zealand	734	0
Netherlands	237	43	Egypt	1	12
Belgium and Luxembourg	55	25	Union of South Africa	22	0
Austria	13	0	Other countries	8	9
Switzerland	167	22	Total	4,818	6,862
Portugal	3	3	<b>Figs:</b>		
Italy	74	19	Canada	328	1,229
Other Europe	2	0	Latin American Republics <sup>2</sup> —		
Total Europe	2,167	126	Mexico	12	10
Palestine <sup>5</sup>	13	353	Canal Zone	6	8
Saudi Arabia	21	24	Guatemala	5	1
India <sup>8</sup>	27	0	Cuba	8	10
Indonesia	164	274	Dominican Republic	15	11
Republic of Philippines	2	0	Colombia	8	1
Hong Kong	9	10	Venezuela	30	55
Japan	48	2	Brazil	23	0
Union of South Africa	133	0	Other L. A. Republics	10	4
Other countries	5	11	Total L. A. Republics	117	100
Total	3,727	1,036	British West Indies <sup>3</sup>	4	(4)
<b>Apple waste:<sup>18</sup></b>			Netherlands Antilles	4	7
Belgium and Luxembourg	0	14 72	Europe—		
Republic of Philippines	0	14 6	Germany	541	13,580
Other countries	0	14 0	Greece	0	27
Total	0	14 78	Other Europe	(4)	2
<b>Apricots, dried:</b>			Total Europe	541	13,609
Canada	399	293	Republic of Philippines	13	9
Newfoundland and Labrador	307	362	Hong Kong	154	186
Latin American Republics <sup>2</sup> —			Japan	263	0
Mexico	30	14	Union of South Africa	20	0
Guatemala	3	2	Other countries	16	4
Costa Rica	3	5	Total	1,460	15,144
Canal Zone	9	13	<b>Fruits for salad, dried:</b>		
Cuba	7	10	Canada	3	0
Colombia	31	3	Latin American Republics <sup>2</sup> —		
Venezuela	74	88	Mexico	5	18
Peru	23	1	Cuba	0	7
Bolivia	2	4			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, dried—Continued			Pears, dried—Continued	1,000 pounds <sup>2</sup>	1,000 pounds <sup>3</sup>
Fruits for salad, dried—Con.			Newfoundland and Labrador...		
L. A. Republics—Continued			Latin American Republics <sup>2</sup> —		
Venezuela.....	5	11	Mexico.....	25	8
Peru.....	4	0	Cuba.....	6	8
Brazil.....	76	0	Colombia.....	35	1
Other L. A. Republics.....	8	6	Venezuela.....	248	267
Total L. A. Republics.....	98	42	Brazil.....	14	0
British West Indies <sup>3</sup> .....	6	7	Other L. A. Republics.....	12	9
Europe—			Total L. A. Republics.....	340	293
Sweden.....	60	0	Europe—		
Norway.....	3	0	Netherlands.....	24	0
Denmark.....	0	6	Belgium and Luxembourg.....	22	74
Netherlands.....	0	11	France.....	85	0
Belgium and Luxembourg.....	16	9	Switzerland.....	52	9
Switzerland.....	58	0	Italy.....	43	19
Other Europe.....	1	2	Other Europe.....	1	0
Total Europe.....	138	28	Total Europe.....	227	102
Indonesia.....	0	340	Palestine <sup>5</sup> .....	22	13
Republic of Philippines.....	10	0	Saudi Arabia.....	2	8
Other countries.....	10	14	India <sup>6</sup> .....	8	0
Total.....	265	431	Indonesia.....	118	278
Peaches, dried:			Republic of Philippines.....	1	1
Canada.....	158	32	Union of South Africa.....	99	0
Newfoundland and Labrador.....	74	45	Other countries.....	16	5
Latin American Republics <sup>2</sup> —			Total.....	846	710
Mexico.....	28	17	Prunes, dried:		
Canal Zone.....	0	16	Canada.....	6,822	13,489
Cuba.....	14	12	Newfoundland and Labrador.....	199	223
Colombia.....	13	7	Latin American Republics <sup>2</sup> —		
Venezuela.....	127	134	Mexico.....	310	432
Peru.....	7	0	Guatemala.....	99	88
Brazil.....	8	0	El Salvador.....	63	37
Uruguay.....	4	0	Honduras.....	29	8
Other L. A. Republics.....	6	3	Nicaragua.....	42	73
Total L. A. Republics.....	207	189	Costa Rica.....	47	36
Netherlands Antilles.....	9	4	Panama Republic.....	138	85
Europe—			Canal Zone.....	54	112
Norway.....	2	0	Cuba.....	927	1,133
United Kingdom.....	89	0	Dominican Republic.....	171	151
Netherlands.....	8	60	Colombia.....	484	29
Belgium and Luxembourg.....	133	60	Venezuela.....	858	1,238
Germany.....	5	4,607	Peru.....	132	112
Austria.....	13	0	Bolivia.....	43	64
Switzerland.....	27	4	Brazil.....	2,486	49
Italy.....	40	193	Uruguay.....	408	364
Other Europe.....	2	0	Other L. A. Republics.....	85	49
Total Europe.....	319	4,924	Total L. A. Republics.....	6,376	4,060
Saudi Arabia.....	11	22	British West Indies <sup>3</sup> .....	116	216
India <sup>6</sup> .....	15	0	Netherlands Antilles.....	68	53
Indonesia.....	3	5	British Guiana.....	43	87
Republic of Philippines.....	19	(4)	Europe—		
Hong Kong.....	9	6	Denmark.....	78	2,664
Japan.....	267	2	United Kingdom.....	7,339	45,063
New Zealand.....	360	0	Ireland (Eire).....	26	1,145
Egypt.....	744	3	Netherlands.....	305	1,111
Union of South Africa.....	641	0	Belgium and Luxembourg.....	7,330	7,949
Other countries.....	12	1	France.....	291	145
Total.....	2,848	5,233	Germany.....	125,691	91,935
Pears, dried:			Austria.....	9,507	6,482
Canada.....	11	7	Switzerland.....	1,085	1,263
			Finland.....	6	127
			Italy.....	2,234	7,654
			Greece.....	0	872
			Trieste <sup>10</sup> .....	7	143

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Raisins and currants, dried—Con.</b>		
Fruits, dried—Continued			Europe—Continued	1,000 pounds	1,000 pounds
Prunes, dried—Continued			Italy.....	225	72
Europe—Continued			Other Europe.....	1	10
Gibraltar.....	0	44	Total Europe.....	221, 284	105, 477
Other Europe.....	17	4			
Total Europe.....	153, 909	166, 601	Palestine <sup>5</sup> .....	1	45
Palestine <sup>5</sup> .....	279	586	Saudi Arabia.....	10	42
Saudi Arabia.....	15	25	India <sup>6</sup> .....	34	0
India <sup>6</sup> .....	188	0	Ceylon.....	71	12
Ceylon.....	49	2	Siam (Thailand).....	21	48
Siam (Thailand).....	125	76	British Malaya.....	1, 140	555
British Malaya.....	443	234	Indonesia.....	274	482
Indonesia.....	144	287	Republic of Philippines.....	2, 769	1, 732
Republic of Philippines.....	1, 482	707	Hong Kong.....	2, 387	1, 639
Hong Kong.....	443	268	Japan.....	132	58
Japan.....	38, 969	3, 804	New Zealand.....	3, 439	3
New Zealand.....	2, 198	1, 876	French Morocco.....	31	9
French Pacific Islands.....	19	13	Other countries.....	67	40
French Morocco.....	162	43	Total.....	283, 788	132, 870
Egypt.....	778	143			
Belgian Congo.....	47	55	Other fruits, dried and evap.: Canada.....	23	8
Mozambique.....	86	7	Latin American Republics <sup>2</sup> .....	73	26
Other countries.....	74	38	British West Indies <sup>3</sup> .....	10	0
Total.....	213, 034	192, 893	Europe— United Kingdom.....	5	4
Raisins and currants, dried:			Belgium and Luxembourg.....	20	6
Canada.....	40, 088	15, 762	Germany.....	60	19
Newfoundland and Labrador.....	1, 130	1, 404	Other Europe.....	8	7
Latin American Republics <sup>2</sup> .....			Total.....	93	36
Mexico.....	955	1, 278	Republic of Philippines.....	5	( <sup>4</sup> ) 0
Guatemala.....	79	63	China.....	( <sup>4</sup> ) 4	81
El Salvador.....	33	69	Japan.....	4	0
Honduras.....	42	58	Union of South Africa.....	87	0
Nicaragua.....	28	33	Other countries.....	5	4
Costa Rica.....	65	88	Total.....	300	155
Panama Republic.....	103	155			
Canal Zone.....	214	206	Dates, fresh, dried or otherwise preserved:		
Cuba.....	433	971	Canada.....	1, 000	110
Dominican Republic.....	172	181	Newfoundland and Labrador.....	56	124
Colombia.....	573	128	Latin American Republics <sup>2</sup> .....		
Venezuela.....	929	1, 017	Mexico.....	84	102
Peru.....	223	58	Guatemala.....	6	2
Bolivia.....	50	96	Costa Rica.....	10	2
Brazil.....	5, 003	582	Panama Republic.....	6	4
Uruguay.....	176	24	Cuba.....	95	171
Argentina.....	1, 302	6	Dominican Republic.....	27	15
Other L. A. Republics.....	27	104	Colombia.....	13	( <sup>4</sup> ) 0
Total L. A. Republics.....	10, 407	5, 117	Venezuela.....	105	139
British West Indies <sup>3</sup> .....	215	308	Bolivia.....	3	6
Netherlands Antilles.....	181	143	Brazil.....	151	( <sup>4</sup> ) 5
British Guiana.....	93	72	Other L. A. Republics.....	8	5
Surinam.....	14	22	Total L. A. Republics.....	508	446
Europe—			British West Indies <sup>3</sup> .....	8	6
Iceland.....	30	0	Netherlands Antilles.....	44	31
Sweden.....	99	0	British Guiana.....	16	8
Norway.....	18	2	Europe—		
Denmark.....	109	286	Germany.....	0	452
United Kingdom.....	24, 253	44, 505	Switzerland.....	16	0
Ireland (Eire).....	0	5, 697	Other Europe.....	3	1
Netherlands.....	283	484	Total Europe.....	19	453
Belgium and Luxembourg.....	12, 812	6, 995			
France.....	1, 061	72			
Germany.....	160, 924	39, 477			
Austria.....	9, 990	6, 429			
Switzerland.....	2, 068	1, 477			
Finland.....	45	30			
Poland and Danzig.....	366	41			

See footnotes on page 549.



TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, dried—Continued			Apricots, canned—Continued	1,000	1,000
Dates, fresh, dried or otherwise preserved—Continued	1,000	1,000	Europe—Continued	pounds	pounds
Republic of Philippines.....	35	10	France.....	144	7
Tangier.....	19	0	Germany.....	0	499
Union of South Africa.....	202	39	Switzerland.....	313	85
Other countries.....	20	7	Other Europe.....	8	3
<b>Total.....</b>	<b>1,927</b>	<b>1,234</b>	<b>Total Europe.....</b>	<b>7,913</b>	<b>9,180</b>
<b>Fruits, canned:</b>			Syria <sup>11</sup> .....	12	22
Apples and applesauce, canned:			Kuwait.....	8	13
Canada.....	567	2	State of Bahrain.....	44	59
Latin American Republics <sup>2</sup> —			Saudi Arabia.....	97	130
Panama Republic.....	46	31	Ceylon.....	21	0
Canal Zone.....	286	239	Indonesia.....	682	769
Cuba.....	167	242	Republic of Philippines.....	14	49
Colombia.....	10	17	Hong Kong.....	13	5
Venezuela.....	296	236	Japan.....	5	1
Other L. A. Republics.....	20	9	New Zealand.....	46	2
<b>Total L. A. Republics.....</b>	<b>825</b>	<b>774</b>	French Morocco.....	29	6
British West Indies <sup>3</sup> .....	34	9	Egypt.....	22	22
Netherlands Antilles.....	113	100	French Equatorial Africa.....	12	0
Europe—			Belgian Congo.....	60	90
United Kingdom.....	34	0	Mozambique.....	24	7
Belgium and Luxembourg.....	13	0	Other countries.....	78	49
France.....	4	1	<b>Total.....</b>	<b>11,969</b>	<b>11,674</b>
Switzerland.....	64	39	<b>Baby foods, fruits, canned:<sup>16</sup></b>		
Other Europe.....	2	0	Latin American Republics <sup>2</sup> —		
<b>Total Europe.....</b>	<b>117</b>	<b>40</b>	Canal Zone.....	0	7 37
Syria <sup>11</sup> .....	12	0	Cuba.....	0	7 459
Kuwait.....	0	17	Colombia.....	0	7 10
State of Bahrain.....	4	9	Venezuela.....	0	7 968
Saudi Arabia.....	167	88	Other L. A. Republics.....	0	7 15
Indonesia.....	144	15	<b>Total L. A. Republics.....</b>	<b>0</b>	<b>7 1,489</b>
Republic of Philippines.....	11	24	Republic of Philippines.....	0	7 40
Japan.....	12	24	Other countries.....	0	7 13
Egypt.....	25	0	<b>Total.....</b>	<b>0</b>	<b>7 1,542</b>
Belgian Congo.....	27	36	<b>Cherries, canned:</b>		
Other countries.....	17	11	Canada.....	369	62
<b>Total.....</b>	<b>2,075</b>	<b>1,149</b>	Latin American Republics <sup>2</sup> —		
<b>Apricots, canned:</b>			Nicaragua.....	4	3
Canada.....	1,810	77	Panama Republic.....	7	3
Newfoundland and Labrador.....	290	378	Canal Zone.....	37	90
Latin American Republics <sup>2</sup> —			Cuba.....	7	14
Mexico.....	14	(4)	Colombia.....	23	12
Nicaragua.....	7	16	Venezuela.....	216	160
Costa Rica.....	14	6	Ecuador.....	5	3
Panama Republic.....	50	23	Peru.....	14	1
Canal Zone.....	80	71	Brazil.....	24	0
Cuba.....	15	43	Other L. A. Republics.....	19	9
Colombia.....	67	10	<b>Total L. A. Republics.....</b>	<b>356</b>	<b>295</b>
Venezuela.....	353	542	British West Indies <sup>3</sup> .....	9	5
Peru.....	24	6	Netherlands Antilles.....	29	28
Other L. A. Republics.....	26	18	Europe—		
<b>Total L. A. Republics.....</b>	<b>650</b>	<b>735</b>	Belgium and Luxembourg.....	10	41
British West Indies <sup>3</sup> .....	35	18	Switzerland.....	23	0
Netherlands Antilles.....	104	62	Other Europe.....	18	3
Europe—			<b>Total Europe.....</b>	<b>51</b>	<b>44</b>
Norway.....	30	21	Saudi Arabia.....	65	127
Denmark.....	45	6	State of Bahrain.....	17	13
United Kingdom.....	14	4	Afghanistan.....	12	1
Ireland (Eire).....	17	0	Siam (Thailand).....	8	20
Netherlands.....	1,405	1,046	Indonesia.....	13	44
Belgium and Luxembourg.....	5,937	7,509	Republic of Philippines.....	94	190

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Fruits for salad, canned—Con.	1,000	1,000
Fruits, canned—Continued	pounds	pounds	L. A. Republics—Continued	pounds	pounds
Cherries, canned—Continued			Bolivia	13	30
Hong Kong	6	10	Other L. A. Republics	39	11
Egypt	14	10	Total L. A. Republics	5,450	8,646
Belgian Congo	48	37	British West Indies <sup>3</sup>	152	191
Union of South Africa	6	11	Netherlands Antilles	256	266
Other countries	38	53	Europe—		
Total	1,135	950	Sweden	6	5
Loganberries, canned: <sup>19</sup>			Norway	19	4
Latin American Republics <sup>2</sup>	5	14 2	Denmark	3	5
Indonesia	0	14 5	United Kingdom	7	12
Republic of Philippines	0	14 3	Netherlands	56	7
Union of South Africa	2	14 0	Belgium and Luxembourg	7,540	1,593
Other countries	3	14 3	France	22	10
Total	10	14 13	Switzerland	388	297
Other berries, canned:			Italy	0	13
Canada	663	170	Other Europe	4	5
Newfoundland and Labrador	5	1	Total Europe	8,045	1,951
Latin American Republics <sup>2</sup>			Lebanon <sup>6</sup>	7 25	45
Canal Zone	40	45	Syria <sup>11</sup>	43	2
Cuba	85	157	Saudi Arabia	88	159
Colombia	10	8	State of Bahrain	22	68
Venezuela	63	106	India <sup>8</sup>	23	3
Peru	6	0	Ceylon	27	1
Brazil	21	0	British Malay	2	26
Other L. A. Republics	9	8	Indonesia	7	821
Total L. A. Republics	234	324	Republic of Philippines	1,646	2,001
British West Indies <sup>3</sup>	14	7	China	12	0
Netherlands Antilles	13	6	Hong Kong	303	171
Europe—			Japan	190	43
Netherlands	4	1	French Morocco	6	12
Belgium and Luxembourg	70	52	Egypt	215	30
Germany	0	13	Portuguese Guinea	64	0
Switzerland	118	163	Belgian Congo	42	63
Other Europe	3	3	Mozambique	60	21
Total Europe	195	232	Union of South Africa	74	17
Kuwait	(4)	24	Southern Rhodesia	115	0
Saudi Arabia	99	120	Other countries	69	143
State of Bahrain	2	15	Total	20,044	18,595
Indonesia	5	54	Grapefruit, canned:		
Republic of Philippines	23	35	Canada	209	337
Japan	5	4	Newfoundland and Labrador	27	32
Union of South Africa	6	2	Latin American Republics <sup>2</sup>		
Other countries	28	13	Canal Zone	45	47
Total	1,292	1,007	Venezuela	38	21
Fruits for salad, canned:			Other L. A. Republics	4	1
Canada	2,981	3,676	Total L. A. Republics	87	69
Newfoundland and Labrador	127	239	British West Indies <sup>3</sup>	30	19
Latin American Republics <sup>2</sup>			Netherlands Antilles	8	8
Mexico	59	39	Europe—		
Guatemala	21	22	Netherlands	6	0
El Salvador	49	51	Belgium and Luxembourg	22	47
Honduras	58	36	France	185	0
Nicaragua	42	72	Switzerland	74	3
Costa Rica	79	58	Other Europe	(4)	4
Panama Republic	113	230	Total Europe	287	54
Canal Zone	224	160	Saudi Arabia	69	100
Cuba	3,395	4,984	State of Bahrain	9	7
Dominican Republic	29	26	Republic of Philippines	15	12
Colombia	227	53	Japan	7	0
Venezuela	1,061	2,844	Union of South Africa	4	7
Peru	41	30	Other countries	21	8
			Total	773	653

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, canned—Continued					
Grapes, canned: <sup>20</sup>					
Latin American Republics <sup>2—</sup>					
El Salvador.....	22	14 2	Peaches, canned—Continued		
Honduras.....	33	14 7	Republic of Philippines.....	1,165	1,904
Nicaragua.....	47	14 33	Hong Kong.....	192	120
Panama Republic.....	32	14 14	Japan.....	1,034	17
Cuba.....	5	14 34	French Morocco.....	21	34
Venezuela.....	77	14 285	Tangier.....	16	29
Other L. A. Republics.....	13	14 5	Egypt.....	153	113
			Angola <sup>6</sup> .....	7 10	13
Total L. A. Republics.....	229	14 380	Other Portuguese Guinea <sup>12</sup> .....	22	0
			Liberia.....	8	3
State of Bahrain.....	38	14 33	Belgian Congo.....	67	88
Ceylon.....	0	14 28	Mozambique.....	72	31
British Malaya.....	0	14 22	Union of South Africa.....	228	6
Indonesia.....	0	14 46	Southern Rhodesia.....	54	0
Republic of Philippines.....	70	14 158	Other countries.....	118	107
Other countries.....	4	14 15	Total.....	30,834	20,527
Total.....	341	14 682			
<b>Peaches, canned:</b>					
Canada.....	9,993	601	Pears, canned:		
Newfoundland and Labrador.....	479	399	Canada.....	1,165	91
Latin American Republics <sup>2—</sup>			Newfoundland and Labrador.....	54	52
Mexico.....	89	30	Latin American Republics <sup>2—</sup>		
Guatemala.....	30	31	Mexico.....	13	8
El Salvador.....	31	26	Guatemala.....	17	6
Honduras.....	35	28	Honduras.....	14	14
Nicaragua.....	12	10	Nicaragua.....	18	17
Costa Rica.....	87	108	Costa Rica.....	53	33
Panama Republic.....	152	91	Panama Republic.....	101	26
Canal Zone.....	360	236	Canal Zone.....	175	116
Cuba.....	3,863	6,251	Cuba.....	4,051	3,297
Dominican Republic.....	48	62	Dominican Republic.....	34	34
Colombia.....	314	65	Colombia.....	112	24
Venezuela.....	931	1,411	Venezuela.....	846	1,009
Peru.....	338	72	Bolivia.....	8	23
Bolivia.....	27	67	Brazil.....	13	1
Brazil.....	221	0	Other L. A. Republics.....	35	13
Other L. A. Republics.....	23	38	Total L. A. Republics.....	5,490	4,621
Total L. A. Republics.....	6,561	8,526			
British West Indies <sup>3</sup> .....	184	265	British West Indies <sup>3</sup> .....	108	90
Netherlands Antilles.....	137	141	Netherlands Antilles.....	197	150
Europe—			British Guiana.....	5	4
Iceland.....	188	0	Europe—		
Sweden.....	12	3	Iceland.....	94	1
Norway.....	41	15	Sweden.....	4	3
Denmark.....	82	26	Norway.....	2	2
United Kingdom.....	20	5	Denmark.....	3	0
Ireland (Eire).....	56	0	United Kingdom.....	7	2
Netherlands.....	622	342	Ireland (Eire).....	27	1
Belgium and Luxembourg.....	6,978	5,502	Netherlands.....	70	32
France.....	361	7	Belgium and Luxembourg.....	1,867	35
Germany.....	0	101	France.....	4	3
Switzerland.....	442	343	Switzerland.....	57	7
Italy.....	1	9	Other Europe.....	3	6
Greece.....	54	142	Total Europe.....	2,138	92
Other Europe.....	6	9			
Total Europe.....	8,863	6,504	State of Bahrain.....	18	23
Syria <sup>11</sup> .....	49	3	Syria <sup>11</sup> .....	22	3
Lebanon <sup>6</sup> .....	7 17	34	Lebanon <sup>6</sup> .....	7 12	19
Kuwait.....	93	81	Saudi Arabia.....	103	206
Saudi Arabia.....	131	406	Ceylon.....	16	0
State of Bahrain.....	316	377	Indonesia.....	126	730
India <sup>8</sup> .....	15	1	Republic of Philippines.....	39	44
Ceylon.....	46	13	Hong Kong.....	36	24
Indonesia.....	790	711	Japan.....	6	3
			French Pacific Islands.....	24	6
			French Morocco.....	7	3
			Egypt.....	211	33
			Canary Islands.....	13	3
			Angola <sup>6</sup> .....	7 44	8
			Other Portuguese Guinea <sup>12</sup> .....	9	3
			Liberia.....	7	3
			Belgian Congo.....	56	79

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, canned—Continued	1,000 pounds	1,000 pounds	Prunes and plums, canned—Con.	1,000 pounds	1,000 pounds
Pears, canned—Continued			British West Indies <sup>2</sup>	18	14
Mozambique	47	6	Netherlands Antilles	48	11
Southern Rhodesia	37	0	Europe—		
Other countries	55	42	United Kingdom	14	0
Total	10,045	6,338	Netherlands	8	179
Pineapples, canned:			Belgium and Luxembourg	458	7
Canada	1,442	800	France	3	3
Newfoundland and Labrador	206	424	Switzerland	38	6
Latin American Republics <sup>2</sup> —			Other Europe	9	0
Mexico	7	13	Total Europe	530	195
Panama Republic	40	15	Syria <sup>11</sup>	10	0
Canal Zone	101	247	Kuwait	12	1
Cuba	11	31	Saudi Arabia	59	22
Colombia	20	8	State of Bahrain	38	8
Venezuela	416	304	India <sup>8</sup>	15	0
Peru	10	15	British Malaya	52	2
Other L. A. Republics	26	39	Indonesia	409	67
Total L. A. Republics	631	672	Republic of Philippines	43	14
British West Indies <sup>3</sup>	123	58	Hong Kong	25	1
Netherlands Antilles	162	110	Japan	( <sup>4</sup> )	1
Europe—			French Morocco	31	0
Sweden	302	8	Belgian Congo	53	23
Norway	26	7	Mozambique	20	0
Denmark	4	85	Southern Rhodesia	12	0
United Kingdom	205	4	Other countries	47	15
Netherlands	237	55	Total	2,264	750
Belgium and Luxembourg	7,551	6,835	Other canned fruits:		
France	31	53	Canada	323	53
Switzerland	986	699	Newfoundland and Labrador	9	6
Finland	0	61	Latin American Republics <sup>2</sup> —		
Italy	59	423	Mexico	24	4
Trieste <sup>10</sup>	7	5	Nicaragua	3	54
Other Europe	2	0	Costa Rica	7	21
Total Europe	9,421	8,235	Panama Republic	19	27
Syria <sup>11</sup>	43	0	Canal Zone	62	79
Lebanon <sup>6</sup>	7	21	Cuba	288	424
Saudi Arabia	119	261	Colombia	78	29
State of Bahrain	6	12	Venezuela	878	714
Republic of Philippines	1,304	128	Peru	17	5
China	12	0	Other L. A. Republics	36	30
Hong Kong	201	56	Total L. A. Republics	1,412	1,387
Japan	12	53	British West Indies <sup>3</sup>	30	23
French Morocco	20	102	Netherlands Antilles	45	20
Tangier	22	17	Europe—		
Egypt	226	0	Sweden	51	1
Other countries	76	71	Norway	12	1
Total	14,067	11,020	Denmark	5	1
Prunes and plums, canned:			United Kingdom	61	0
Canada	198	0	Netherlands	6	8
Newfoundland and Labrador	31	7	Belgium and Luxembourg	264	10
Latin American Republics <sup>2</sup> —			France	36	3
Mexico	5	17	Germany	100	9
Nicaragua	12	5	Austria	23	3
Panama Republic	21	9	Finland	12	0
Canal Zone	114	52	Italy	8	0
Cuba	108	137	Yugoslavia	36	0
Dominican Republic	27	1	Greece	0	41
Colombia	46	8	Other Europe	13	1
Venezuela	231	136	Total Europe	626	78
Brazil	19	0	Syria <sup>11</sup>	9	0
Argentina	15	0	Lebanon <sup>6</sup>	7	4
Other L. A. Republics	16	4	Kuwait	17	46
Total L. A. Republics	613	369	Saudi Arabia	156	131
			Arabia Peninsula States	7	10

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, canned—Continued	1,000 pounds	1,000 pounds	Orange juice—Continued	1,000 gallons	1,000 gallons
Other canned fruits—Continued			Europe—Continued		
State of Bahrein.....	12	114	Netherlands.....	26	17
Ceylon.....	14	0	Belgium and Luxembourg.....	132	64
Indonesia.....	3	446	France.....	3	7
Republic of Philippines.....	60	220	Germany.....	3	1
Hong Kong.....	18	1	Switzerland.....	22	11
Japan.....	600	10	Other Europe.....	2	1
French Morocco.....	19	6	Total Europe.....	1,529	1,208
Egypt.....	10	0			
Angola.....	12	24	Kuwait.....	7	27
Belgian Congo.....	32	15	Saudi Arabia.....	31	36
Ethiopia.....	19	0	India.....	(4)	0
Union of South Africa.....	15	2	Republic of Philippines.....	33	27
Other countries.....	35	36	Hong Kong.....	8	2
Total.....	3,492	2,632	Japan.....	3	8
			New Zealand.....	10	0
<b>Fruit pulp:<sup>21</sup></b>			Other countries.....	26	38
Canada.....	1,046	14 100	Total.....	4,409	4,717
Belgium and Luxembourg.....	3	14 55			
Other countries.....	8	14 3	<b>Pineapple juice:</b>		
Total.....	1,057	14 158	Canada.....	395	193
	1,000 gallons	1,000 gallons	Newfoundland and Labrador.....	6	8
<b>Grapefruit juice:</b>			Latin American Republics <sup>22</sup> —		
Canada.....	2,302	3,510	Panama Republic.....	6	13
Newfoundland and Labrador.....	56	45	Canal Zone.....	13	24
Latin American Republics <sup>22</sup> —			Cuba.....	(4)	(4)
Mexico.....	48	21	Venezuela.....	159	185
Canal Zone.....	20	32	Other L. A. Republics.....	16	8
Venezuela.....	52	53	Total L. A. Republics.....	194	230
Other L. A. Republics.....	10	9			
Total L. A. Republics.....	130	115	British West Indies <sup>3</sup> .....	13	16
			Netherlands Antilles.....	39	51
<b>British West Indies<sup>3</sup>.....</b>	10	13	Europe.....		
<b>Netherlands Antilles.....</b>	15	17	Netherlands.....	7	0
<b>Europe—</b>			Belgium and Luxembourg.....	71	75
Sweden.....	46	0	France.....	2	1
Netherlands.....	34	14	Switzerland.....	14	11
Belgium and Luxembourg.....	96	42	Italy.....	(4)	4
France.....	2	4	Other Europe.....	1	2
Germany.....	1,928	1	Total Europe.....	95	93
Switzerland.....	44	21			
Other Europe.....	1	2	Saudi Arabia.....	23	31
Total Europe.....	2,151	84	Republic of Philippines.....	28	35
			Hong Kong.....	3	2
<b>Saudi Arabia.....</b>	34	42	Japan.....	2	6
<b>Republic of Philippines.....</b>	2	4	Other countries.....	9	15
<b>Japan.....</b>	209	3	Total.....	807	680
<b>Other countries.....</b>	10	14			
Total.....	4,919	3,847	<b>Other fruit juices:</b>		
			Canada.....	3,084	3,945
<b>Orange juice:</b>			Newfoundland and Labrador.....	26	16
Canada.....	2,206	2,468	Latin American Republics <sup>22</sup> —		
Newfoundland and Labrador.....	167	322	Mexico.....	77	102
Latin American Republics <sup>22</sup> —			Costa Rica.....	9	4
Mexico.....	25	19	Panama Republic.....	84	185
Canal Zone.....	30	50	Canal Zone.....	71	136
Venezuela.....	231	343	Cuba.....	145	866
Other L. A. Republics.....	28	17	Dominican Republic.....	35	12
Total L. A. Republics.....	314	429	Colombia.....	27	7
			Venezuela.....	1,123	3,173
<b>British West Indies<sup>3</sup>.....</b>	25	44	Brazil.....	22	(4)
<b>Netherlands Antilles.....</b>	50	108	Other L. A. Republics.....	27	24
<b>Europe—</b>			Total L. A. Republics.....	1,620	4,509
Sweden.....	13	0			
United Kingdom.....	1,328	1,107	British West Indies <sup>3</sup> .....	24	28
			Netherlands Antilles.....	64	187

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Malt—Continued</b>		
Fruit juice—Continued			Europe—Continued	1,000 bushels	1,000 bushels
Other fruit juices—Continued			Greece.....	33	43
Europe—	1,000 gallons	1,000 gallons	Other Europe.....	28	8
Sweden.....	8	( <sup>1</sup> ) 3	Total Europe.....	1,732	205
Netherlands.....	56	12			
Belgium and Luxembourg.....	26 <sup>1</sup>	5	Lebanon <sup>6</sup> .....	7 3	5
France.....	7	9	Palestine <sup>7</sup> .....	94	0
Other Europe.....	105	29	French Indochina.....	81	0
Total Europe.....	105	29	British Malaya.....	80	0
Saudi Arabia.....	32	40	Republic of Philippines.....	264	376
Siam (Thailand).....	( <sup>1</sup> )	( <sup>1</sup> )	China.....	18	( <sup>1</sup> )
Republic of Philippines.....	60	37	Hong Kong.....	26	3
Hong Kong.....	19	5	French West Africa.....	55	27
Japan.....	89	9	Gold Coast.....	14	16
Other countries.....	14	31	Belgian Congo.....	146	92
Total.....	5,137	8,836	British East Africa.....	14	0
			Mozambique.....	26	31
<b>Grains and grain products:</b>			Union of South Africa.....	159	97
Barley, grain: (48 lb.)	1,000 bushels	1,000 bushels	Southern Rhodesia.....	13	0
Canada.....	( <sup>1</sup> )	138	Other countries.....	27	6
Latin American Republics <sup>2</sup> .....			Total.....	7,419	4,078
Mexico.....	298	324			
Other L. A. Republics.....	( <sup>1</sup> )	3	<b>Corn, grain: (56 lb.)</b>		
Europe—			Canada.....	6,294	<sup>14</sup> 7,532
Denmark.....	0	187	Latin American Republics <sup>2</sup> .....		
Netherlands.....	0	1,236	Mexico.....	14	<sup>14</sup> 7
Belgium and Luxembourg.....	15	42	Venezuela.....	332	<sup>14</sup> 1
France.....	( <sup>1</sup> )	817	Other L. A. Republics.....	7	<sup>14</sup> 2
Germany.....	7,649	3,055	Total L. A. Republics.....	353	<sup>14</sup> 10
Austria.....	105	1,394			
Greece.....	( <sup>1</sup> )	788	<b>Europe—</b>		
Other Europe.....	1	1	Denmark.....	( <sup>1</sup> )	<sup>14</sup> 337
Total Europe.....	7,770	7,520	United Kingdom.....	2,423	<sup>14</sup> 0
Korea.....	2,093	155	Ireland (Eire).....	0	<sup>14</sup> 377
Japan.....	6,564	15,339	Netherlands.....	1,355	<sup>14</sup> 1,440
Other countries.....	( <sup>1</sup> )	0	Belgium and Luxembourg.....	1,182	<sup>14</sup> 553
Total.....	16,725	23,479	France.....	3,265	<sup>14</sup> 2,164
			Germany.....	6,734	<sup>14</sup> 6,268
<b>Malt: (34 lb.)</b>			Austria.....	403	<sup>14</sup> 0
Canada.....	60	3	Switzerland.....	415	( <sup>14</sup> ) ( <sup>14</sup> ) 360
Latin American Republics <sup>2</sup> .....			Italy.....	25	<sup>14</sup> 0
Mexico.....	1,132	425	Greece.....	( <sup>14</sup> )	<sup>14</sup> 360
Guatemala.....	104	61	Rumania.....	2,077	<sup>14</sup> 0
El Salvador.....	44	33	Other Europe.....	5	<sup>14</sup> 0
Honduras.....	38	42	Total Europe.....	17,884	<sup>14</sup> 11,499
Costa Rica.....	17	20			
Panama Republic.....	236	35	Republic of Philippines.....	43	<sup>14</sup> 3
Cuba.....	518	445	China.....	22	<sup>14</sup> 0
Dominican Republic.....	11	17	Korea.....	85	<sup>14</sup> 0
Colombia.....	472	387	Japan.....	5,279	<sup>14</sup> 380
Venezuela.....	460	519	Egypt.....	582	<sup>14</sup> 384
Ecuador.....	26	27	Other countries.....	1	<sup>14</sup> 2
Peru.....	23	39	Total.....	30,543	<sup>14</sup> 19,810
Brazil.....	1,473	1,145			
Other L. A. Republics.....	39	18	<b>Corn seed, except sweet corn:<sup>16</sup></b>		
Total L. A. Republics.....	4,593	3,213	Canada.....		7 16
British West Indies <sup>3</sup> .....	14	4	Europe—		
Europe—			United Kingdom.....		7 16
Ireland (Eire).....	46	0	Belgium and Luxembourg.....		7 20
Belgium and Luxembourg.....	611	0	France.....		7 7
France.....	19	0	Germany.....		7 291
Switzerland.....	635	102	Austria.....		7 60
Italy.....	360	52	Switzerland.....		7 28

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Grains and grain products—Con.			Cornstarch and corn flour—Con.	1,000	1,000
Corn seed, except sweet corn—Continued			L. A. Republics—Continued	pounds	pounds
Europe—Continued			Canal Zone.....	187	<sup>14</sup> 84
Italy.....	<sup>1,000</sup> bushels	<sup>1,000</sup> bushels	Cuba.....	2,081	<sup>14</sup> 1,882
Other Europe.....		<sup>7</sup> 79	Dominican Republic.....	466	<sup>14</sup> 101
Total Europe.....		<sup>7</sup> 504	Colombia.....	66	<sup>14</sup> 0
Other countries.....		( <sup>7</sup> ) ( <sup>4</sup> )	Venezuela.....	1,213	<sup>14</sup> 329
Total.....		<sup>7</sup> 520	Ecuador.....	341	<sup>14</sup> 89
Other corn: <sup>16</sup>			Peru.....	1,449	<sup>14</sup> 106
Canada.....		<sup>7</sup> 3,372	Bolivia.....	37	<sup>14</sup> 0
Latin American Republics <sup>2</sup> .....		<sup>7</sup> 19	Uruguay.....	80	<sup>14</sup> 56
Europe—			Other L. A. Republics.....	268	<sup>14</sup> 79
Norway.....		<sup>7</sup> 2,745	Total L. A. Republics.....	7,030	<sup>14</sup> 3,790
Denmark.....		<sup>7</sup> 4,646	British Honduras.....	37	<sup>14</sup> 12
United Kingdom.....		<sup>7</sup> 136	British West Indies <sup>3</sup> .....	352	<sup>14</sup> 180
Ireland (Eire).....		<sup>7</sup> 6,640	Netherlands Antilles.....	111	<sup>14</sup> 28
Netherlands.....		<sup>7</sup> 698	British Guiana.....	48	<sup>14</sup> 14
Belgium and Luxembourg.....		<sup>7</sup> 774	Europe—		
France.....		<sup>7</sup> 5,390	Iceland.....	120	<sup>14</sup> 3
Germany.....		<sup>7</sup> 30,915	Sweden.....	254	<sup>14</sup> 0
Austria.....		<sup>7</sup> 3,163	Norway.....	828	<sup>14</sup> 234
Switzerland.....		<sup>7</sup> 360	Denmark.....	1,157	<sup>14</sup> 55
Portugal.....		<sup>7</sup> 160	United Kingdom.....	11,635	<sup>14</sup> 0
Greece.....		<sup>7</sup> 360	Ireland (Eire).....	177	<sup>14</sup> 0
Other Europe.....		<sup>7</sup> 0	Belgium and Luxembourg.....	22,017	<sup>14</sup> 1,250
Total Europe.....		<sup>7</sup> 55,987	France.....	79,463	<sup>14</sup> 0
India <sup>8</sup> .....		<sup>7</sup> 1,794	Germany.....	2,696	<sup>14</sup> 220
Republic of Philippines.....		<sup>7</sup> 58	Switzerland.....	1,517	<sup>14</sup> 1,079
Japan.....		<sup>7</sup> 6,864	Azores.....	34	<sup>14</sup> 10
French West Africa.....		<sup>7</sup> 39	Spain.....	1,400	<sup>14</sup> 479
Mozambique.....		<sup>7</sup> 277	Portugal.....	511	<sup>14</sup> 0
Southern Rhodesia.....		<sup>7</sup> 376	Italy.....	400	<sup>14</sup> 6
Other countries.....		<sup>7</sup> 1	Greece.....	0	<sup>14</sup> 16
Total.....		<sup>7</sup> 68,787	Other Europe.....	0	<sup>14</sup> 4
Cornmeal: (100 lb.)	<sup>1,000</sup> cwt.	<sup>1,000</sup> cwt.	Total Europe.....	122,209	<sup>14</sup> 3,356
Canada.....	4	10	Syria <sup>11</sup> .....	359	<sup>14</sup> 145
Latin American Republics <sup>2</sup> .....	23	3	Lebanon <sup>8</sup> .....	<sup>7</sup> 219	<sup>14</sup> 1,060
British West Indies <sup>3</sup> .....	90	99	Iraq.....	0	<sup>14</sup> 486
Netherlands Antilles.....	91	87	Palestine <sup>5</sup> .....	228	<sup>14</sup> 406
Europe—			Trans-Jordan <sup>6</sup> .....	<sup>7</sup> 0	<sup>14</sup> 56
Iceland.....	66	18	Kuwait.....	24	<sup>14</sup> 14
Belgium and Luxembourg.....	337	0	Saudi Arabia.....	47	<sup>14</sup> 90
France.....	9	0	State of Bahrein.....	483	<sup>14</sup> 402
Austria.....	37	0	India <sup>8</sup> .....	9,143	<sup>14</sup> 103
Other Europe.....	1	0	Pakistan <sup>6</sup> .....	<sup>7</sup> 0	<sup>14</sup> 236
Total Europe.....	450	18	British Malaya.....	49	<sup>14</sup> 61
French West Africa.....	338	257	Indonesia.....	272	<sup>14</sup> 917
Other countries.....	2	2	Republic of Philippines.....	18,008	<sup>14</sup> 15,001
Total.....	998	476	China.....	186	<sup>14</sup> 0
Cornstarch and corn flour:	<sup>1,000</sup> pounds	<sup>1,000</sup> pounds	Hong Kong.....	330	<sup>14</sup> 559
Canada.....	4,070	<sup>14</sup> 2,893	Japan.....	37,549	<sup>14</sup> 4
Newfoundland and Labrador.....	124	<sup>14</sup> 46	New Zealand.....	2,575	<sup>14</sup> 3
Latin American Republics <sup>2</sup> .....			French Pacific Islands.....	32	<sup>14</sup> 0
Mexico.....	293	<sup>14</sup> 852	French Morocco.....	115	<sup>14</sup> 10
Guatemala.....	77	<sup>14</sup> 43	Tangier.....	58	<sup>14</sup> 35
Nicaragua.....	40	<sup>14</sup> 29	Canary Islands.....	112	<sup>14</sup> 0
Costa Rica.....	100	<sup>14</sup> 58	Belgian Congo.....	108	<sup>14</sup> 116
Panama Republic.....	332	<sup>14</sup> 82	Mozambique.....	68	<sup>14</sup> 6
			Union of South Africa.....	116	<sup>14</sup> 84
			Southern Rhodesia.....	27	<sup>14</sup> 0
			Other countries.....	629	<sup>14</sup> 146
			Total.....	204,718	<sup>14</sup> 30,259
			Cornstarch: <sup>10</sup>		
			Canada.....		<sup>7</sup> 1,862
			Newfoundland and Labrador.....		<sup>7</sup> 32
			Latin American Republics <sup>2</sup> .....		
			Mexico.....		<sup>7</sup> 90
			Guatemala.....		<sup>7</sup> 12

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Grains and grain products—Con.			Corn flour—Continued	1,000 pounds	1,000 pounds
Cornstarch—Continued			Angola.....		7 42
L. A. Republics—Continued	1,000 pounds	1,000 pounds	Other countries.....		7 41
Honduras.....		7 10	Total.....		7 2,724
Panama Republic.....		7 99			
Canal Zone.....		7 84		1,000 bushels	1,000 bushels
Cuba.....		7 2,672	Grain sorghums: (56 lb.)		
Haiti.....		7 62	Canada.....	1	2
Dominican Republic.....		7 293	Latin American Republics <sup>2</sup> .....	9	7
Venezuela.....		7 205	British West Indies <sup>3</sup> .....	1	0
Peru.....		7 330	Europe—		
Other L. A. Republics.....		7 31	Netherlands.....	0	759
Total L. A. Republics.....		7 3,888	France.....	0	353
British West Indies <sup>3</sup> .....		7 62	Germany.....	1,530	12,788
Netherlands Antilles.....		7 43	Belgium and Luxembourg.....	0	61
Europe—			Other Europe.....	0	0
Norway.....		7 596	Total Europe.....	1,530	13,961
Denmark.....		7 1,777	India <sup>4</sup> .....	9,853	18,037
Ireland (Eire).....		7 2,200	Pakistan <sup>5</sup> .....	7 0	4
Netherlands.....		7 1,375	Japan.....	1,418	2,467
Belgium and Luxembourg.....		7 1,335	Other countries.....	0	1
Germany.....		7 2,251	Total.....	12,812	34,479
Switzerland.....		7 876			
Finland.....		7 45	Oats, grain: (32 lb.)		
Spain.....		7 110	Canada.....	8	500
Italy.....		7 22	Newfoundland and Labrador.....	29	0
Other Europe.....		7 0	Latin American Republics <sup>2</sup> —		
Total Europe.....		7 10,587	Mexico.....	16	172
Lebanon <sup>6</sup> .....		7 163	Costa Rica.....	6	14
Iraq.....		7 562	Panama Republic.....	34	11
Palestine <sup>7</sup> .....		7 381	Cuba.....	690	261
Trans-Jordan <sup>8</sup> .....		7 127	Dominican Republic.....	21	14
State of Bahrain.....		7 611	Venezuela.....	112	39
India <sup>9</sup> .....		7 293	Brazil.....	70	9
Pakistan <sup>6</sup> .....		7 95	Other L. A. Republics.....	(4)	19
Ceylon.....		7 150	Total L. A. Republics.....	949	539
Indonesia.....		7 86	Europe—		
Republic of Philippines.....		7 13,816	Iceland.....	2	2
Hong Kong.....		7 433	Sweden.....	556	0
Tangier.....		7 68	Norway.....	0	350
Belgian Congo.....		7 93	Denmark.....	0	633
Other countries.....		7 114	Netherlands.....	0	480
Total.....		7 33,366	France.....	(4)	6,383
Corn flour: <sup>16</sup>			Germany.....	7,453	6,109
Canada.....		7 261	Austria.....	352	169
Latin American Republics <sup>2</sup> —			Switzerland.....	507	0
Mexico.....		7 163	Greece.....	858	2,502
Guatemala.....		7 41	Other Europe.....	0	0
Honduras.....		7 10	Total Europe.....	9,728	16,628
Cuba.....		7 55	Republic of Philippines.....	1	1
Haiti.....		7 34	Japan.....	0	8
Dominican Republic.....		7 74	Algeria.....	0	502
Ecuador.....		7 177	Union of South Africa.....	577	0
Peru.....		7 870	Other countries.....	3	5
Other L. A. Republics.....		7 29	Total.....	11,295	18,183
Total L. A. Republics.....		7 1,453			
Netherlands Antilles.....		7 21	Oatmeal:	1,000 cwt.	1,000 cwt.
British Guiana.....		7 20	Latin American Republics <sup>2</sup> —		
Surinam.....		7 57	Mexico.....	43	43
Ireland (Eire).....		7 448	Guatemala.....	5	11
Other Europe.....		7 0	Honduras.....	9	9
Palestine <sup>7</sup> .....		7 143	Nicaragua.....	5	3
Siam (Thailand).....		7 11	Costa Rica.....	7	12
Indonesia.....		7 223			
Republic of Philippines.....		7 4			

See footnotes on page 549.



TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Grains and grain products—Con.				1,000	1,000
Oatmeal—Continued				pounds	pounds
L. A. Republics—Continued	1,000	1,000	Rice, milled—Continued		
Panama Republic.....	cwt.	cwt.	British Honduras.....	833	<sup>14</sup> 218
Canal Zone.....	10	11	British West Indies <sup>2</sup> .....	11,191	<sup>14</sup> 3,081
Cuba.....	11	14	Netherlands Antilles.....	336	<sup>14</sup> 401
Dominican Republic.....	15	8	Europe—		
Colombia.....	37	24	Iceland.....	1,134	<sup>14</sup> 540
Venezuela.....	82	107	Denmark.....	8	<sup>14</sup> 2,208
Ecuador.....	23	24	United Kingdom.....	210	<sup>14</sup> 48
Peru.....	23	33	Netherlands.....	59	<sup>14</sup> 3
Brazil.....	82	85	Belgium and Luxembourg.....	114	<sup>14</sup> 120
Other L. A. Republics.....	10	7	France.....	2,375	<sup>14</sup> 33
Total L. A. Republics.....	368	395	Germany.....	205	<sup>14</sup> 46
Netherlands Antilles.....	4	5	Austria.....	8,885	<sup>14</sup> 6,614
Europe—			Czechoslovakia.....	57	<sup>14</sup> 11
Netherlands.....	22	( <sup>4</sup> )	Italy.....	42	<sup>14</sup> 41
Belgium and Luxembourg.....	67	0	Greece.....	8,689	<sup>14</sup> 7,177
Germany.....	113	226	Other Europe.....	26	<sup>14</sup> 82
Austria.....	302	153	Total Europe.....	21,804	<sup>14</sup> 16,923
Italy.....	268	67	Saudi Arabia.....	12,945	<sup>14</sup> 6,013
Greece.....	45	( <sup>4</sup> )	State of Bahrain.....	500	<sup>14</sup> 200
Other Europe.....	6	2	Indonesia.....	1,000	<sup>14</sup> 62,770
Total Europe.....	823	448	Republic of Philippines.....	40	<sup>14</sup> 0
Palestine <sup>5</sup> .....	0	7	China.....	202,784	<sup>14</sup> 11,860
Indonesia.....	9	14	Korea.....	48,817	<sup>14</sup> 9,409
Republic of Philippines.....	16	20	Japan.....	130	<sup>14</sup> 556
Hong Kong.....	1	4	French Pacific Islands.....	230	<sup>14</sup> 0
Egypt.....	4	5	Western Pacific Islands.....	110	<sup>14</sup> 190
Belgian Congo.....	2	4	Liberia.....	3,361	<sup>14</sup> 3,360
Mozambique.....	2	2	Union of South Africa.....	36	<sup>14</sup> 225
Other countries.....	13	10	Other countries.....	40	<sup>14</sup> 195
Total.....	1,242	914	Total.....	858,454,	<sup>14</sup> 397,774
Rice, paddy or rough:	1,000	1,000	Rice, milled: <sup>16</sup>		
Canada.....	pounds	pounds	More than 25% whole kernels:		
Latin American Republics <sup>2</sup> —	78,878	63,486	Canada.....		<sup>7</sup> 681
Honduras.....	15	0	Newfoundland and Labrador.....		<sup>7</sup> 138
Costa Rica.....	0	95	Latin American Republics <sup>2</sup> —		
Panama Republic.....	100	120	Canal Zone.....		<sup>7</sup> 2,539
Cuba.....	1,315	201	Cuba.....		<sup>7</sup> 172,174
Paraguay.....	0	80	Haiti.....		<sup>7</sup> 450
Other L. A. Republics.....	30	28	Colombia.....		<sup>7</sup> 83
Total L. A. Republics.....	1,460	524	Venezuela.....		<sup>7</sup> 9,851
Lebanon <sup>8</sup> .....	<sup>7</sup> 6	4	Other L. A. Republics.....		<sup>7</sup> 0
Saudi Arabia.....	71	0	Total L. A. Republics.....		<sup>7</sup> 185,097
Other countries.....	0	0	British West Indies <sup>3</sup> .....		<sup>7</sup> 7,780
Total.....	80,415	64,014	Netherlands Antilles.....		<sup>7</sup> 658
Rice, milled:			French West Indies.....		<sup>7</sup> 1,448
Canada.....	2,723	<sup>14</sup> 307	French Guiana.....		<sup>7</sup> 442
Newfoundland and Labrador.....	672	<sup>14</sup> 136	Europe—		
Latin American Republics <sup>2</sup> —			Iceland.....		<sup>7</sup> 308
Mexico.....	833	<sup>14</sup> 441	Denmark.....		<sup>7</sup> 42
Canal Zone.....	3,598	<sup>14</sup> 2,200	United Kingdom.....		<sup>7</sup> 19
Cuba.....	545,623	<sup>14</sup> 278,619	Netherlands.....		<sup>7</sup> 31
Colombia.....	100	<sup>14</sup> 121	Belgium and Luxembourg.....		<sup>7</sup> 470
Venezuela.....	547	<sup>14</sup> 349	France.....		<sup>7</sup> 269
Other L. A. Republics.....	201	<sup>14</sup> 200	Germany.....		<sup>7</sup> 4,522
Total L. A. Republics.....	550,902	<sup>14</sup> 281,930	Austria.....		<sup>7</sup> 11,128
			Switzerland.....		<sup>7</sup> 3,847
			Finland.....		<sup>7</sup> 66
			Italy.....		<sup>7</sup> 11
			Greece.....		<sup>7</sup> 14,791
			Other Europe.....		<sup>7</sup> 23
			Total Europe.....		<sup>7</sup> 35,527
			Palestine <sup>5</sup> .....		<sup>7</sup> 890
			Saudi Arabia.....		<sup>7</sup> 5,224
			State of Bahrain.....		<sup>7</sup> 1,510

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Wheat, grain (60 lb.)—Continued	1,000 bushels	1,000 bushels
Grains and grain products—Con.	1,000 pounds	1,000 pounds	Europe—		
Rice, milled—Continued			Iceland	4	5
Indonesia	7 25,791		Sweden	1,678	0
Republic of Philippines	7 84,337		Norway	2,438	6,391
China	7 69,101		Denmark	664	0
Japan	7 482		United Kingdom	2,724	7,461
Western Pacific Islands	7 220		Ireland (Erie)	2,150	3,222
Other countries	7 2,242		Netherlands	16,729	17,373
Total	7 421,577		Belgium and Luxembourg	8,705	15,776
Rice, milled: <sup>16</sup>			France	33,960	10,416
Not more than 25% whole kernels:			Germany	92,611	115,616
Canada	7 107		Austria	13,760	16,289
Newfoundland and Labrador	7 65		Switzerland	3,421	9,096
Latin American Republics <sup>2—</sup>			Finland	1,383	0
Cuba	7 41,767		Poland and Danzig	696	0
Venezuela	7 200		Portugal	4,564	10,564
Other L. A. Republics	7 10		Italy	35,552	50,314
Total L. A. Republics	7 41,977		Trieste <sup>10</sup>	7 0	1,402
British West Indies <sup>3</sup>	7 175		Greece	14,271	15,943
Europe—			Other Europe	10	93
Iceland	7 444		Total Europe	235,320	279,961
Belgium and Luxembourg	7 5,243		Turkey	347	0
Switzerland	7 55		Syria <sup>11</sup>	190	0
Greece	7 72		Saudi Arabia	619	449
Other Europe	7 5		India <sup>8</sup>	10,499	21,087
Total Europe	7 5,819		Pakistan <sup>9</sup>	7 312	674
Saudi Arabia	7 2,921		Republic of Philippines	0	2
State of Bahrain	7 448		China	1,651	972
China	7 100		Korea	2,814	4,130
Japan	7 1,322		Japan	32,267	44,009
Western Pacific Islands	7 70		French Morocco	0	317
Other countries	7 0		Algeria	6,960	355
Total	7 53,004		Egypt	4,740	4,090
Rye, grain: (56 lb.)	1,000 bushels	1,000 bushels	Madeira Islands	161	582
Canada	1,385	1	Union of South Africa	349	3,024
Europe—			Other countries	12	782
Netherlands	0	360	Total	304,688	375,255
Germany	828	1,368	Wheat flour, wholly of	1,000 bags	1,000 bags
Austria	16	3,675	United States wheat: (100 lb.)		
Other Europe	(4)	8	Canada	34	13
Total Europe	844	5,411	Newfoundland and Labrador	88	22
Japan	18	18	Latin American Republics <sup>2—</sup>		
Other countries	0	1	Mexico	419	19
Total	2,247	5,431	Guatemala	273	389
Wheat, grain: (60 lb.)			El Salvador	131	153
Canada	767	441	Honduras	51	76
Latin American Republics <sup>2—</sup>			Nicaragua	122	110
Mexico	9,555	8,708	Costa Rica	212	271
El Salvador	61	47	Panama Republic	214	176
Honduras	156	172	Canal Zone	77	74
Costa Rica	72	60	Cuba	2,625	2,347
Cuba	58	70	Haiti	259	376
Dominican Republic	64	15	Dominican Republic	238	130
Colombia	429	473	Colombia	253	218
Ecuador	262	52	Venezuela	1,191	1,079
Peru	1,027	3,881	Ecuador	191	396
Bolivia	261	750	Peru	200	113
Other L. A. Republics	1	152	Bolivia	375	359
Total L. A. Republics	11,946	14,380	Chile	89	84
			Brazil	2,420	7,516
			Other L. A. Republics	5	1
			Total L. A. Republics	9,345	13,887
			British Honduras	57	48
			British West Indies <sup>3</sup>	310	581
			Netherlands Antilles	135	109
			French West Indies	356	716

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Other wheat flour (100 lb.)—Con.	1,000 bags	1,000 bags
Grains and grain products—Con.			Europe—		
Wheat flour, wholly of United States wheat (100 lb.)—Con.	1,000 bags	1,000 bags	Netherlands.....	1	0
Europe—			Germany.....	187	0
Iceland.....	20	100	Portugal.....	1	2
Sweden.....	216	53	Yugoslavia.....	0	7
Norway.....	688	1,097	Greece.....	1	1
Denmark.....	115	0	Other Europe.....	1	0
United Kingdom.....	285	934	Total Europe.....	191	10
Ireland (Erie).....	850	216	India <sup>2</sup> .....	111	0
Netherlands.....	3,468	2,904	Republic of Philippines.....	2	2
Belgium and Luxembourg.....	1,357	0	Gold Coast.....	24	52
France.....	8,524	406	Nigeria.....	10	34
Germany.....	20,270	5,565	Other British West Africa.....	1	7
Austria.....	3,149	1,701	Madeira Islands.....	0	16
Czechoslovakia.....	41	0	Other Portuguese Guinea <sup>12</sup> .....	0	10
Switzerland.....	616	19	Belgian Congo.....	2	12
Finland.....	356	0	Other countries.....	14	44
Poland and Danzig.....	1,213	0	Total.....	458	1,178
Portugal.....	921	446	Wheat, semolina:		
Italy.....	6,311	7,006	Latin American Republics <sup>2</sup> —	1,000 pounds	1,000 pounds
Trieste <sup>10</sup> .....	7,400	199	Mexico.....	0	669
Greece.....	3,803	3,680	Dominican Republic.....	389	400
Other Europe.....	6	40	Colombia.....	260	1,091
Total Europe.....	52,609	24,366	Venezuela.....	10	180
Syria <sup>11</sup> .....	143	156	Brazil.....	0	600
Lebanon <sup>6</sup> .....	7,27	171	Other L. A. Republics.....	0	160
Palestine <sup>5</sup> .....	161	32	Total L. A. Republics.....	659	3,100
India <sup>4</sup> .....	1,970	827	Europe—		
Ceylon.....	776	0	France.....	3,613	0
British Malaya.....	550	0	Italy.....	19,105	0
Indonesia.....	1,242	1,802	Other Europe.....	6	0
Republic of Philippines.....	1,999	3,252	Total Europe.....	22,724	0
China.....	1,036	1,415	Palestine <sup>5</sup> .....	0	110
Korea.....	796	820	Tangier.....	0	113
Hong Kong.....	10	115	French West Africa.....	1,339	0
Japan.....	3,837	6,446	Belgian Congo.....	0	51
Egypt.....	535	13	Other countries.....	1	60
French West Africa.....	331	210	Total.....	24,723	3,434
Gold Coast.....	97	240	Feeds:	2,240-lb. tons	2,240-lb. tons
Angola <sup>8</sup> .....	756	79	Cottonseed cake and meal:		
Portuguese Guinea <sup>12</sup> .....	72	25	Canada.....	116	126
Belgian Congo.....	96	131	Latin American Republics <sup>2</sup> .....	14	415
Mozambique.....	142	135	Europe—		
Union of South Africa.....	283	1	Norway.....	0	11,440
Other countries.....	612	781	Denmark.....	0	85,057
Total.....	77,705	56,393	Belgium and Luxembourg.....	7,907	0
Other wheat flour: (100 lb.)			France.....	0	2,570
Latin American Republics <sup>2</sup> —			Greece.....	500	0
Honduras.....	4	11	Other Europe.....	0	522
Costa Rica.....	1	15	Total Europe.....	8,407	99,589
Panama Republic.....	3	28	Republic of Philippines.....	0	3
Canal Zone.....	6	3	Other countries.....	2	0
Cuba.....	13	366	Total.....	8,539	100,133
Haiti.....	7	100	Linseed cake and meal:		
Dominican Republic.....	15	53	Canada.....	0	220
Colombia.....	6	9	Newfoundland and Labrador.....	45	0
Venezuela.....	17	274	Latin American Republics <sup>2</sup> .....	2	27
Ecuador.....	(*)	14	British West Indies <sup>3</sup> .....	0	54
Peru.....	7	(*)			
Bolivia.....	2	24			
Brazil.....	15	40			
Other L. A. Republics.....	4	22			
Total L. A. Republics.....	100	959			
Netherlands Antilles.....	3	26			
Surinam.....	0	16			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Nuts:		
Feeds—Continued			Almonds, sweet:		
Linseed cake and meal—Con.			Canada.....		
Europe—			Latin American Republics <sup>2</sup> —		
Denmark.....	2,240-lb. tons 774	2,240-lb. tons 8,141	Mexico.....	1,000 pounds 11	1,000 pounds 4
Netherlands.....	3,583	4,440	Guatemala.....	6	2
Belgium and Luxembourg.....	7,133	0	Panama Republic.....	5	2
France.....	1,045	41,401	Canal Zone.....	8	5
Greece.....	6	6	Cuba.....	5	3
Other Europe.....	0	4,798	Dominican Republic.....	9	10
Total Europe.....	12,541	58,786	Colombia.....	21	26
Other countries.....	0	0	Venezuela.....	26	29
Total.....	12,588	59,087	Other L. A. Republics.....	13	7
Hops:			Total L. A. Republics.....	104	88
Canada.....	1,000 pounds 2,431	1,000 pounds 3,383	Netherlands Antilles.....	3	3
Newfoundland and Labrador.....	19	35	British Guiana.....	15	0
Latin American Republics <sup>2</sup> —			Europe—		
Mexico.....	1,231	1,501	Netherlands.....	2	2
Guatemala.....	48	27	Belgium and Luxembourg.....	11	0
El Salvador.....	26	22	Other Europe.....	(4)	1
Honduras.....	26	25	Total Europe.....	13	3
Nicaragua.....	11	7	Saudi Arabia.....	4	4
Panama Republic.....	70	95	Republic of Philippines.....	39	24
Cuba.....	412	469	Hong Kong.....	4	10
Dominican Republic.....	37	28	Japan.....	471	2
Colombia.....	1,635	1,459	Other countries.....	9	6
Venezuela.....	174	178	Total.....	756	206
Ecuador.....	63	84	Filberts:		
Peru.....	87	176	Canada.....	312	8
Bolivia.....	49	118	Latin American Republics <sup>2</sup> —		
Chile.....	354	393	Mexico.....	63	2
Brazil.....	1,227	1,231	Guatemala.....	7	2
Uruguay.....	117	253	Cuba.....	290	329
Argentina.....	1,419	854	Dominican Republic.....	12	15
Other L. A. Republics.....	21	25	Colombia.....	6	3
Total L. A. Republics.....	7,007	6,945	Venezuela.....	16	14
British West Indies <sup>3</sup> .....	26	0	Brazil.....	89	0
Europe—			Argentina.....	116	0
Ireland (Eire).....	40	451	Other L. A. Republics.....	9	8
Netherlands.....	(4)	0	Total L. A. Republics.....	608	373
Belgium and Luxembourg.....	205	312	Netherlands.....	30	0
France.....	24	0	Belgium and Luxembourg.....	59	0
Austria.....	0	12	Republic of Philippines.....	19	7
Spain.....	70	0	Union of South Africa.....	11	0
Portugal.....	62	133	Other countries.....	5	2
Italy.....	73	0	Total.....	1,044	390
Greece.....	19	11	Peanuts, shelled:		
Other Europe.....	2	0	Canada.....	50,698	34,775
Total Europe.....	495	919	Newfoundland and Labrador.....	14	9
Turkey.....	20	0	Latin American Republics <sup>2</sup> —		
Palestine <sup>4</sup> .....	35	2	Mexico.....	10	6
India <sup>5</sup> .....	13	0	Costa Rica.....	11	11
Ceylon.....	28	17	Panama Republic.....	45	56
Republic of Philippines.....	110	80	Canal Zone.....	70	96
China.....	45	21	Cuba.....	13	257
Hong Kong.....	12	14	Venezuela.....	38	159
Australia.....	734	795	Other L. A. Republics.....	17	16
British East Africa.....	1	60	Total L. A. Republics.....	204	601
Union of South Africa.....	74	86	British West Indies <sup>3</sup> .....	98	81
Mozambique.....	10	15	Netherlands Antilles.....	80	112
Other countries.....	54	28	Europe—		
Total.....	11,114	12,400	Denmark.....	4	2,432
			Netherlands.....	39,083	2,536

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Nuts—Continued					
Peanuts, shelled—Continued			Pecans, not shelled:	1,000 pounds	1,000 pounds
Europe—Continued			Canada.....	179	67
Belgium and Luxembourg.....	183	14	Latin American Republics <sup>2</sup> —		
France.....	52,697	83,630	Mexico.....	2	2
Germany.....	135,923	204,429	Guatemala.....	3	2
Austria.....	29,529	45,414	Honduras.....	3	2
Switzerland.....	3,353	18	Canal Zone.....	6	5
Poland and Danzig.....	16,608	10	Cuba.....	3	7
Czechoslovakia.....	6,662	0	Venezuela.....	3	3
Italy.....	0	38,049	Other L. A. Republics.....	2	1
Trieste <sup>10</sup> .....	70	2,950	Total L. A. Republics.....	22	22
Other Europe.....	4	0			
Total Europe.....	284,046	379,472	British Honduras.....	2	2
Saudi Arabia.....	6	28	British West Indies <sup>3</sup> .....	2	1
Republic of Philippines.....	255	300	Europe—		
Japan.....	1,533	30,322	Belgium and Luxembourg.....	( <sup>4</sup> ) 6	( <sup>4</sup> ) 1
French Morocco.....	0	3,311	France.....	( <sup>4</sup> ) 0	1
Algeria.....	0	20,841	Other Europe.....	0	0
Union of South Africa.....	347	304	Total Europe.....	6	1
Other countries.....	36	20	Republic of Philippines.....	1	2
Total.....	337,317	470,176	Other countries.....	10	1
			Total.....	222	96
Peanuts, not shelled:					
Canada.....	6,567	9,477	Walnuts, shelled:		
Latin American Republics <sup>2</sup> —			Canada.....	633	366
Panama Republic.....	7	20	Latin American Republics <sup>2</sup> —		
Cuba.....	2	7	Canal Zone.....	15	15
Venezuela.....	29	30	Cuba.....	10	1
Other L. A. Republics.....	4	4	Colombia.....	6	4
Total L. A. Republics.....	42	61	Venezuela.....	5	25
British West Indies <sup>3</sup> .....	110	431	Brazil.....	6	0
Netherlands Antilles.....	128	141	Other L. A. Republics.....	3	6
British Guiana.....	554	0	Total L. A. Republics.....	45	51
Europe—					
Netherlands.....	55	0	Saudi Arabia.....	4	7
Switzerland.....	997	380	Republic of Philippines.....	7	17
Portugal.....	551	0	Union of South Africa.....	18	24
United Kingdom.....	0	11	Other countries.....	11	13
Other Europe.....	0	0	Total.....	718	478
Total Europe.....	1,603	391			
Other countries.....	3	3	Walnuts, unshelled:		
Total.....	9,007	10,504	Canada.....	1,522	468
Pecans, shelled:			Latin American Republics <sup>2</sup> —		
Canada.....	280	1,115	Mexico.....	47	38
Latin American Republics <sup>2</sup> —			Guatemala.....	17	19
Canal Zone.....	7	12	Costa Rica.....	11	5
Venezuela.....	12	9	Panama Republic.....	17	9
Other L. A. Republics.....	3	3	Canal Zone.....	0	15
Total L. A. Republics.....	22	24	Cuba.....	507	588
Netherlands Antilles.....	1	3	Dominican Republic.....	21	21
Germany.....	5	0	Colombia.....	24	17
Other Europe.....	0	0	Venezuela.....	105	77
Total Europe.....	5	0	Peru.....	20	1
Lebanon <sup>6</sup> .....	( <sup>4</sup> ) ( <sup>7</sup> ) 0	0	Brazil.....	1,080	200
Saudi Arabia.....	( <sup>4</sup> ) 5	4	Uruguay.....	26	51
State of Bahrain.....	( <sup>4</sup> ) 1	( <sup>4</sup> ) 2	Other L. A. Republics.....	8	4
Other countries.....	1	2	Total L. A. Republics.....	1,883	1,045
Total.....	314	1,148			
			British West Indies <sup>3</sup> .....	5	4
			Netherlands Antilles.....	6	7
			British Guiana.....	17	0
			Europe.....	66	0
			Republic of Philippines.....	25	9
			Egypt.....	0	10

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Cooking fats other than lard—Con.	1,000	1,000
Nuts—Continued			Europe—Continued	pounds	pounds
Walnuts, unshelled—Continued			Rumania.....	( <sup>1</sup> ) 8	20
Union of South Africa.....	164	70	Other Europe.....		9
Other countries.....	15	4	Total Europe.....	139	421
Total.....	3,703	1,617	Syria <sup>11</sup> .....	13	4
Other nuts and preps: <sup>22</sup>			Lebanon <sup>6</sup> .....	7 5	58
Canada.....	893	4,106	Kuwait.....	( <sup>1</sup> ) 23	23
Newfoundland and Labrador.....	84	40	Saudi Arabia.....	50	123
Latin American Republics <sup>2</sup> —			State of Bahrein.....	14	16
Mexico.....	139	78	Afghanistan.....	9	13
Honduras.....	6	6	Indonesia.....	44	160
Panama Republic.....	8	7	Republic of Philippines.....	89	15
Canal Zone.....	116	91	Hong Kong.....	1	22
Cuba.....	17	44	Japan.....	21	40
Dominican Republic.....	11	14	Egypt.....	4	19
Colombia.....	43	17	Liberia.....	67	67
Venezuela.....	113	125	Other countries.....	21	41
Peru.....	16	0	Total.....	2,860	13,127
Brazil.....	27	2			
Other L. A. Republics.....	21	12	Corn oil, edible:		
Total L. A. Republics.....	517	396	Canada.....	194	475
British West Indies <sup>3</sup> .....	126	105	Latin American Republics <sup>2</sup> —		
Netherlands Antilles.....	171	128	Mexico.....	0	18
Europe.....	38	58	Guatemala.....	5	7
Kuwait.....	7	12	Cuba.....	9	5
Saudi Arabia.....	31	48	Haiti.....	5	14
State of Bahrein.....	4	5	Colombia.....	7	( <sup>1</sup> )
India <sup>8</sup> .....	12	0	Venezuela.....	10	2
Indonesia.....	6	35	Ecuador.....	5	6
Republic of Philippines.....	287	288	Other L. A. Republics.....	8	11
Hong Kong.....	49	67	Total L. A. Republics.....	49	63
Japan.....	442	28	British West Indies <sup>3</sup> .....	5	17
Belgian Congo.....	9	14	Netherlands Antilles.....	22	0
Union of South Africa.....	31	20	Europe—		
Other countries.....	25	11	United Kingdom.....	1	0
Total.....	2,732	5,361	France.....	4	5
Oils:			Germany.....	8	0
Cooking fats other than lard:			Austria.....	1	0
Canada.....	215	9,062	Other Europe.....	0	1
Newfoundland and Labrador.....	149	100	Total Europe.....	14	6
Latin American Republics <sup>2</sup> —			State of Bahrein.....	1	5
Mexico.....	8	34	Indonesia.....	4	43
Guatemala.....	153	269	Republic of Philippines.....	0	9
Costa Rica.....	26	131	Other countries.....	6	8
Panama Republic.....	188	191	Total.....	295	626
Canal Zone.....	483	571	Cottonseed oil:		
Cuba.....	107	548	Canada.....	69	27,976
Haiti.....	20	33	Latin American Republics <sup>2</sup> —		
Colombia.....	40	157	Mexico.....	( <sup>1</sup> ) 65	65
Venezuela.....	513	576	Guatemala.....	21	55
Ecuador.....	24	1	Panama Republic.....	22	167
Peru.....	15	5	Canal Zone.....	0	999
Bolivia.....	3	45	Cuba.....	1,626	2,651
Other L. A. Republics.....	37	37	Colombia.....	3	1,734
Total L. A. Republics.....	1,617	2,598	Venezuela.....	48	299
British Honduras.....	60	0	Ecuador.....	43	61
British West Indies <sup>3</sup> .....	138	55	Peru.....	12	122
Netherlands Antilles.....	204	290	Haiti.....	29	54
Europe—			Other L. A. Republics.....	30	56
United Kingdom.....	65	10	Total L. A. Republics.....	1,834	6,263
France.....	12	12			
Germany.....	2	340			
Austria.....	16	( <sup>1</sup> )			
Switzerland.....	17	0			
Italy.....	19	30			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Oils—Continued	1,000 pounds	1,000 pounds	Linseed Oil—Continued	1,000 pounds	1,000 pounds
Cottonseed oil—Continued			Saudi Arabia.....	28	9
British West Indies <sup>2</sup> .....	28	15	French Indochina.....	227	0
Netherlands Antilles.....	159	529	Indonesia.....	30	18
Europe—			Republic of Philippines.....	437	377
Denmark.....	3,267	4,300	China.....	46	( <sup>4</sup> )
United Kingdom.....	0	8,183	Korea.....	292	167
Netherlands.....	5,623	2,164	Japan.....	608	2
Belgium and Luxembourg.....	440	833	New Zealand.....	33	5
France.....	11,075	18	French Pacific Islands.....	24	49
Germany.....	0	5,799	French West Africa.....	11	18
Austria.....	1,560	6,388	Nigeria.....	43	0
Switzerland.....	441	737	Portuguese Guinea.....	34	22
Poland and Danzig.....	1,726	1	Belgian Congo.....	181	23
Italy.....	0	7,714	Mozambique.....	33	5
Greece.....	0	2,218	Madagascar.....	24	0
Trieste <sup>10</sup> .....	7313	0	Union of South Africa.....	1,905	333
Other Europe.....	7	17	Other countries.....	76	54
Total Europe.....	24,482	38,372	Total.....	27,622	13,990
Lebanon <sup>6</sup> .....	70	171	<b>Oleomargarine:</b>		
Indonesia.....	4	39	Latin American Republics <sup>2</sup> —		
Republic of Philippines.....	4,275	1,686	Panama Republic.....	167	124
Japan.....	1,438	267	Canal Zone.....	553	748
Saudi Arabia.....	45	97	Haiti.....	32	110
Other countries.....	31	88	Dominican Republic.....	0	10
Total.....	32,365	75,503	Other L. A. Republics.....	23	118
Linseed oil:			Total L. A. Republics.....	775	1,110
Canada.....	343	76	British West Indies <sup>3</sup> .....	303	23
Latin American Republics <sup>2</sup> —			Netherlands Antilles.....	163	83
Guatemala.....	69	41	French West Indies.....	46	0
El Salvador.....	179	20	Surinam.....	127	49
Honduras.....	108	42	Europe—		
Costa Rica.....	46	39	United Kingdom.....	1	44
Canal Zone.....	139	17	France.....	18	88
Cuba.....	982	262	Germany.....	29	54
Haiti.....	37	15	Austria.....	60	22
Dominican Republic.....	109	33	Czechoslovakia.....	148	5
Colombia.....	396	222	Switzerland.....	0	22
Venezuela.....	708	176	Finland.....	60	0
Ecuador.....	39	21	Bulgaria.....	120	0
Peru.....	86	46	Poland and Danzig.....	2,998	10
Bolivia.....	70	82	Italy.....	1,477	56
Chile.....	65	49	Yugoslavia.....	770	0
Other L. A. Republics.....	95	84	Greece.....	1,980	5
Total L. A. Republics.....	3,128	1,149	Rumania.....	450	0
British West Indies <sup>3</sup> .....	25	8	Other Europe.....	49	10
Netherlands Antilles.....	96	27	Total Europe.....	8,160	316
French West Indies.....	27	0	Syria <sup>11</sup> .....	38	0
British Guiana.....	20	0	Lebanon <sup>6</sup> .....	714	159
Surinam.....	86	18	Indonesia.....	19	95
Europe—			Republic of Philippines.....	6	0
Iceland.....	96	5	China.....	36	0
Netherlands.....	5,677	2	Japan.....	20	61
Belgium and Luxembourg.....	4,245	2	Liberia.....	20	13
France.....	2,243	6,631	Other countries.....	50	139
Germany.....	6,461	1,446	Total.....	9,777	2,048
Austria.....	571	2,435	<b>Soybean oil, edible:</b>		
Switzerland.....	0	54	Canada.....	3,645	5,705
Finland.....	88	5	Newfoundland and Labrador.....	46	73
Portugal.....	175	73	Latin American Republics <sup>2</sup> —		
Italy.....	132	0	Mexico.....	66	( <sup>4</sup> )
Greece.....	65	944	Guatemala.....	47	99
Other Europe.....	12	33	Honduras.....	58	60
Total Europe.....	19,765	11,630	Costa Rica.....	116	106
			Panama Republic.....	312	343

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Oils—Continued					
Soybean oil, edible—Continued			Soybean oil, crude—Continued	1,000 pounds	1,000 pounds
L. A. Republics—Continued			British West Indies <sup>2</sup> .....	11	0
Cuba.....	1,000 pounds	1,000 pounds	Iceland.....	8	23
Haiti.....	7,410	6,567	Denmark.....	11,072	2,015
Colombia.....	1,299	168	United Kingdom.....	4,952	1,848
Venezuela.....	597	370	Netherlands.....	7,047	14,041
Ecuador.....	103	48	Belgium and Luxembourg.....	16,253	4,663
Peru.....	249	208	France.....	22,380	6,616
Chile.....	312	710	Germany.....	10,014	29,505
Other L. A. Republics.....	23	118	Austria.....	0	2,418
Total L. A. Republics.....	10,702	9,515	Czechoslovakia.....	2,205	0
			Switzerland.....	1,774	6,238
British West Indies <sup>3</sup> .....	137	323	Poland and Danzig.....	1,069	0
Netherlands Antilles.....	803	1,353	Spain.....	0	7,265
French West Indies.....	29	2	Italy.....	38	20,513
British Guiana.....	20	45	Trieste <sup>10</sup> .....	70	240
Surinam.....	184	280	Greece.....	0	217
Europe—			Other Europe.....	0	0
Iceland.....	836	527	Total Europe.....	76,812	95,605
Sweden.....	13	0			
Norway.....	13	0	Korea.....	41	1,135
Denmark.....	46	0	Japan.....	40	0
United Kingdom.....	0	381	French Morocco.....	525	0
Belgium and Luxembourg.....	530	( <sup>4</sup> )	Other countries.....	22	0
France.....	4,086	213	Total.....	82,941	100,678
Germany.....	2,678	33,295			
Austria.....	7,192	19,400	Soybeans:		
Switzerland.....	8,389	83	Canada.....	64,074	128,016
Finland.....	1,911	470	Latin American Republics <sup>2</sup> —		
Poland and Danzig.....	665	110	Cuba.....	16	19
Spain.....	0	10,402	Colombia.....	26	0
Italy.....	1,163	29,776	Other L. A. Republics.....	6	0
Trieste <sup>10</sup> .....	70	1,694	Total L. A. Republics.....	48	19
Greece.....	21	17,546			
Other Europe.....	0	98	Europe—		
Total Europe.....	27,540	113,995	Norway.....	3,780	6,720
			Denmark.....	0	42,286
Syria <sup>11</sup> .....	3	116	Netherlands.....	0	85,762
Lebanon <sup>6</sup> .....	72	937	Belgium and Luxembourg.....	32,776	33,382
Palestine <sup>5</sup> .....	3	117	France.....	( <sup>4</sup> )	171,566
Saudi Arabia.....	535	377	Germany.....	12	293,100
India <sup>8</sup> .....	13	0	Austria.....	77	0
British Malaya.....	131	57	Switzerland.....	66	33
Republic of Philippines.....	403	146	Italy.....	260	51,091
China.....	23	0	Other Europe.....	2	6
Korea.....	0	548	Total Europe.....	36,973	683,946
Japan.....	0	83			
New Zealand.....	185	34	India <sup>8</sup> .....	0	80
French Pacific Islands.....	87	21	Pakistan <sup>6</sup> .....	70	80
French Morocco.....	945	0	Republic of Philippines.....	1,770	3,153
Tangier.....	43	328	Korea.....	17	0
Madagascar.....	200	200	Japan.....	76,178	263,182
Other countries.....	48	111	French Morocco.....	0	19,588
Total.....	45,727	134,366	Algeria.....	0	8,886
			Other countries.....	51	16
Soybean oil, crude:			Total.....	179,111	1,106,966
Canada.....	2,348	1,067	Soybean flour, edible:		
Latin American Republics <sup>2</sup> —			Canada.....	1,338	812
Mexico.....	125	0	Latin American Republics <sup>2</sup> —		
Cuba.....	2,933	2,867	Mexico.....	146	194
Venezuela.....	15	4	Venezuela.....	173	40
Bolivia.....	69	0	Other L. A. Republics.....	17	9
Other L. A. Republics.....	0	0	Total L. A. Republics.....	336	243
Total L. A. Republics.....	3,142	2,871			

See footnotes on page 549.



TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Soybean flour, edible—Continued	1,000	1,000	Sugar, refined—Continued	2,000-lb.	2,000-lb.
Europe—	pounds	pounds	Afghanistan.....	tons	tons
Sweden.....	1,060	400	India <sup>3</sup> .....	13	6,960
Norway.....	248	401	Siam (Thailand).....	624	0
Netherlands.....	42,860	0	British Malaya.....	1,044	112
Belgium and Luxembourg.....	3,070	571	Indonesia.....	19	4
Germany.....	164,192	174,253	Republic of Philippines.....	1,026	480
Austria.....	20,460	0	Portuguese Asia.....	330	0
Switzerland.....	4,309	62	China.....	60	49
Finland.....	120	0	Korea.....	62	0
Italy.....	37,470	9,298	Hong Kong.....	2,613	387
Greece.....	18,428	0	Japan.....	32,692	2,224
Other Europe.....	61	10	French Pacific Islands.....	350	251
Total Europe.....	292,278	184,995	French Morocco.....	3,056	25
Japan.....	322,883	149,862	Tangier.....	1,072	0
Australia.....	410	0	French West Africa.....	(23)	0
New Zealand.....	46	23	Liberia.....	339	443
Union of South Africa.....	351	81	Ethiopia.....	500	0
Other countries.....	47	172	Union of South Africa.....	395	72
Total.....	617,689	336,188	Other countries.....	92	409
	2,000-lb.	2,000-lb.	Total.....	121,186	52,282
Sugar, refined:	tons	tons		1,000	1,000
Canada.....	259	170	Timothy seed:	pounds	pounds
Newfoundland and Labrador.....	10,892	7,933	Canada.....	2,398	1,523
Miquelon and St. Pierre.....	139	90	Newfoundland and Labrador.....	44	10
Latin American Republics <sup>2</sup> —			Latin American Republics <sup>2</sup> .....	5	15
Honduras.....	103	1,255	Europe—		
Panama Republic.....	346	(25)	United Kingdom.....	3,741	2,665
Canal Zone.....	3,205	4,872	Ireland (Eire).....	500	547
Venezuela.....	61	95	Netherlands.....	319	205
Bolivia.....	238	173	Belgium and Luxembourg.....	284	68
Chile.....	2	722	France.....	206	727
Paraguay.....	100	0	Germany.....	1,645	438
Uruguay.....	518	3	Austria.....	0	222
Other L. A. Republics.....	36	163	Switzerland.....	333	155
Total L. A. Republics.....	4,609	7,283	Finland.....	3,854	0
			Other Europe.....	0	0
British West Indies <sup>3</sup> .....	1,090	112	Total Europe.....	10,882	5,027
Netherlands Antilles.....	923	2,502	Korea.....	4	0
Europe—			Japan.....	54	0
Iceland.....	2,041	0	Other countries.....	0	0
Denmark.....	17	5	Total.....	13,387	6,576
United Kingdom.....	10	10			
Netherlands.....	230	13	<b>Tobacco leaf:</b>		
Belgium and Luxembourg.....	1,223	2,575	Black fat, waterbaler and dark		
France.....	345	130	African:		
Germany.....	1,109	6,355	Latin American Republics <sup>2</sup> .....	8	2
Austria.....	314	43	British Honduras.....	33	18
Switzerland.....	5,717	37	British West Indies <sup>3</sup> .....	136	103
Finland.....	2,613	0	Netherlands Antilles.....	41	33
Spain.....	110	19	French West Indies.....	32	0
Italy.....	14,217	3,370	British Guiana.....	91	82
Trieste <sup>10</sup> .....	70	144	Surinam.....	6	17
Greece.....	17,398	7,603	French Guiana.....	8	17
Other Europe.....	79	29	Europe.....	62	0
Total Europe.....	45,423	20,333	China.....	39	0
Syria <sup>11</sup> .....	2,575	0	Cameroon.....	111	1
Iraq.....	201	0	French Equatorial Africa.....	109	232
Iran.....	996	0	French West Africa.....	597	559
Palestine <sup>5</sup> .....	567	179	Canary Islands.....	19	52
Trans-Jordan <sup>6</sup> .....	7100	10	Nigeria.....	2,791	2,177
Kuwait.....	1,774	1	Gold Coast.....	1,109	1,362
Saudi Arabia.....	6,615	1,967	Portuguese Guinea.....	246	357
Aden.....	200	0	Liberia.....	28	32
State of Bahrain.....	170	217	Other countries.....	16	95
			Total.....	5,482	5,139

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Bright flue-cured, unstemmed—		
Tobacco leaf—Continued			Continued		
Bright flue-cured, stemmed:	1,000	1,000	Europe—Continued	1,000	1,000
Latin American Republics <sup>2</sup> —	pounds	pounds	Denmark	5,040	7,553
Mexico	819	721	United Kingdom	118,102	146,140
Guatemala	145	162	Ireland (Eire)	11,098	17,152
Nicaragua	241	305	Netherlands	24,619	18,857
Costa Rica	60	19	Belgium and Luxembourg	10,690	8,865
Haiti	76	110	France	529	746
Colombia	146	191	Germany	8,044	43,187
Venezuela	128	223	Austria	1,016	4,219
Peru	246	0	Czechoslovakia	138	0
Chile	67	143	Poland and Danzig	410	0
Brazil	47	0	Switzerland	4,291	2,320
Uruguay	128	254	Finland	952	1,891
Argentina	1,212	381	U.S.S.R.	3,302	4,993
Other L. A. Republics	15	2	Azores	19	14
Total L. A. Republics	3,330	2,511	Spain	221	110
British West Indies <sup>3</sup>	38	32	Portugal	2,864	2,744
Europe—			Malta, Gozo and Cyprus	856	950
Sweden	1,422	1,923	Italy	9,280	1,792
Norway	46	0	Trieste <sup>10</sup>	0	99
Belgium and Luxembourg	239	112	Greece	27	0
Denmark	39	140	Other Europe	0	0
United Kingdom	8,406	1,801	Total Europe	211,166	271,468
Ireland (Eire)	397	623	Syria <sup>11</sup>	25	8
Netherlands	217	0	Lebanon <sup>9</sup>	7	80
Switzerland	91	0	Palestine <sup>8</sup>	552	716
Finland	0	128	Trans-Jordan <sup>6</sup>	21	62
U.S.S.R.	18	0	India <sup>5</sup>	983	173
Spain	222	110	Ceylon	1,343	638
Portugal	1,871	1,201	French Indochina	1,170	981
Malta, Gozo and Cyprus	13	30	Siam (Thailand)	1,434	2,469
Italy	975	0	Indonesia	4,250	7,763
Other Europe	0	0	Republic of Philippines	0	231
Total Europe	13,956	6,068	China	21,111	5,434
Palestine <sup>5</sup>	51	86	Hong Kong	5,434	3,789
Trans-Jordan <sup>6</sup>	7	27	Australia	23,761	16,299
India <sup>5</sup>	10,173	4,653	New Zealand	4,320	4,436
Siam (Thailand)	0	115	French Morocco	215	432
China	252	146	Algeria	160	443
Egypt	374	5	Tunisia	168	298
Union of South Africa	83	87	Egypt	1,254	2,193
Other countries	55	70	French West Africa	30	320
Total	28,312	13,800	Nigeria	853	432
Bright flue-cured, unstemmed:			British East Africa	200	213
Canada	73	109	Mauritius and Dependencies	767	1,121
Newfoundland and Labrador	96	108	Union of South Africa	1,607	678
Latin American Republics <sup>2</sup> —			Mozambique	31	60
Mexico	1	77	Other countries	262	591
Guatemala	139	96	Total	284,502	323,447
El Salvador	423	573	Burley:		
Honduras	72	80	Newfoundland and Labrador	278	14 29
Panama Republic	26	18	Latin American Republics <sup>2</sup> —		
Colombia	71	73	Mexico	697	14 865
Brazil	95	0	Guatemala	137	14 52
Uruguay	163	545	Nicaragua	41	14 31
Argentina	1,748	104	Costa Rica	38	14 0
Other L. A. Republics	29	19	Haiti	21	14 8
Total L. A. Republics	2,767	1,585	Colombia	16	14 5
British West Indies <sup>3</sup>	119	69	Venezuela	67	14 0
British Guiana	312	248	Peru	78	14 0
Europe—			Chile	26	14 48
Iceland	0	99	Brazil	47	14 0
Sweden	5,234	3,947	Uruguay	1	14 64
Norway	4,434	5,790	Argentina	1,110	14 680
			Other L. A. Republics	5	14 1
			Total L. A. Republics	2,284	14 1,754

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Tobacco leaf—Continued			Burley, unstemmed—Continued	1,000	1,000
Burley—Continued			L. A. Republics—Continued	pounds	pounds
Surinam.....	46	<sup>14</sup> 32	Uruguay.....		<sup>7</sup> 9
Europe—			Other L. A. Republics.....		<sup>7</sup> 0
Sweden.....	1,628	<sup>14</sup> 295	Total L. A. Republics.....		<sup>7</sup> 27
Norway.....	1,073	<sup>14</sup> 1,315	Europe—		
Denmark.....	1,195	<sup>14</sup> 1,005	Sweden.....		<sup>7</sup> 380
United Kingdom.....	646	<sup>14</sup> 503	Norway.....		<sup>7</sup> 172
Netherlands.....	5,032	<sup>14</sup> 651	Denmark.....		<sup>7</sup> 1,135
Belgium and Luxembourg.....	3,637	<sup>14</sup> 1,184	United Kingdom.....		<sup>7</sup> 421
France.....	7,303	<sup>14</sup> 0	Ireland (Eire).....		<sup>7</sup> 10
Germany.....	698	<sup>14</sup> 1,892	Netherlands.....		<sup>7</sup> 1,868
Austria.....	429	<sup>14</sup> 87	Belgium and Luxembourg.....		<sup>7</sup> 1,362
Switzerland.....	514	<sup>14</sup> 150	Germany.....		<sup>7</sup> 5,042
Finland.....	97	<sup>14</sup> 5	Austria.....		<sup>7</sup> 244
Azores.....	46	<sup>14</sup> 2	Switzerland.....		<sup>7</sup> 147
Portugal.....	4,415	<sup>14</sup> 2,025	Finland.....		<sup>7</sup> 156
Italy.....	6,860	<sup>14</sup> 0	Azores.....		<sup>7</sup> 11
Other Europe.....	59	<sup>14</sup> 0	Portugal.....		<sup>7</sup> 2,538
Total Europe.....	33,632	<sup>14</sup> 9,114	Trieste <sup>10</sup> .....		<sup>7</sup> 101
Lebanon <sup>6</sup> .....	<sup>7</sup> 12	<sup>14</sup> 96	Other Europe.....		<sup>7</sup> 0
French Indochina.....	26	<sup>14</sup> 3	Total Europe.....		<sup>7</sup> 13,587
Hong Kong.....	15	<sup>14</sup> 0	Lebanon <sup>6</sup> .....		<sup>7</sup> 17
Australia.....	361	<sup>14</sup> 0	Australia.....		<sup>7</sup> 150
Algeria.....	84	<sup>14</sup> 123	French Morocco.....		<sup>7</sup> 125
Tunisia.....	125	<sup>14</sup> 235	Algeria.....		<sup>7</sup> 156
Egypt.....	836	<sup>14</sup> 7	Tunisia.....		<sup>7</sup> 70
Angola <sup>8</sup> .....	<sup>7</sup> 21	<sup>14</sup> 26	Egypt.....		<sup>7</sup> 1,065
Other Portuguese Guinea <sup>12</sup> .....	16	<sup>14</sup> 0	Other countries.....		<sup>7</sup> 76
Union of South Africa.....	37	<sup>14</sup> 0	Total.....		<sup>7</sup> 15,318
Other countries.....	28	<sup>14</sup> 6			
Total.....	37,801	<sup>14</sup> 11,425			
<b>Burley, stemmed:<sup>16</sup></b>			<b>Cigar leaf:</b>		
Latin American Republics <sup>2—</sup>			Canada.....	395	<sup>14</sup> 125
Mexico.....	<sup>7</sup> 491	<sup>14</sup> 0	Newfoundland and Labrador.....	21	<sup>14</sup> 0
Guatemala.....	<sup>7</sup> 64	<sup>14</sup> 0	Latin American Republics <sup>2—</sup>		
Nicaragua.....	<sup>7</sup> 53	<sup>14</sup> 0	Mexico.....	2	<sup>14</sup> 64
Costa Rica.....	<sup>7</sup> 12	<sup>14</sup> 3	Nicaragua.....	92	<sup>14</sup> 0
Haiti.....	<sup>7</sup> 19	<sup>14</sup> 0	Panama Republic.....	12	<sup>14</sup> 3
Chile.....	<sup>7</sup> 71	<sup>14</sup> 0	Brazil.....	50	<sup>14</sup> 0
Other L. A. Republics.....	<sup>7</sup> 9	<sup>14</sup> 9	Argentina.....	185	<sup>14</sup> 0
Total L. A. Republics.....	<sup>7</sup> 719	<sup>14</sup> 76	Other L. A. Republics.....	14	<sup>14</sup> 9
British West Indies <sup>3</sup> .....	<sup>7</sup> 61	<sup>14</sup> 24	Total L. A. Republics.....	355	<sup>14</sup> 76
Surinam.....	<sup>7</sup> 29	<sup>14</sup> 2	British West Indies <sup>3</sup> .....	2	<sup>14</sup> 24
Europe—			Surinam.....	6	<sup>14</sup> 2
Norway.....	<sup>7</sup> 85	<sup>14</sup> 0	Europe—		
Denmark.....	<sup>7</sup> 45	<sup>14</sup> 16	Sweden.....	990	<sup>14</sup> 0
Netherlands.....	<sup>7</sup> 49	<sup>14</sup> 813	Norway.....	51	<sup>14</sup> 16
Germany.....	<sup>7</sup> 14	<sup>14</sup> 0	Denmark.....	1,397	<sup>14</sup> 813
Finland.....	<sup>7</sup> 14	<sup>14</sup> 35	United Kingdom.....	83	<sup>14</sup> 0
Azores.....	<sup>7</sup> 10	<sup>14</sup> 169	Netherlands.....	1,624	<sup>14</sup> 35
Portugal.....	<sup>7</sup> 164	<sup>14</sup> 1,388	Belgium and Luxembourg.....	632	<sup>14</sup> 169
Other Europe.....	<sup>7</sup> 8	<sup>14</sup> 200	Germany.....	110	<sup>14</sup> 1,388
Total Europe.....	<sup>7</sup> 389	<sup>14</sup> 176	Austria.....	92	<sup>14</sup> 200
Algeria.....	<sup>7</sup> 50	<sup>14</sup> 39	Switzerland.....	248	<sup>14</sup> 176
Other countries.....	<sup>7</sup> 11	<sup>14</sup> 12	Portugal.....	44	<sup>14</sup> 39
Total.....	<sup>7</sup> 1,259	<sup>14</sup> 2,848	Other Europe.....	24	<sup>14</sup> 12
Burley, unstemmed: <sup>16</sup>			Total Europe.....	5,295	<sup>14</sup> 2,848
Newfoundland and Labrador.....	<sup>7</sup> 45	<sup>14</sup> 2	Palestine <sup>3</sup> .....	22	<sup>14</sup> 2
Latin American Republics <sup>2—</sup>			Republic of Philippines.....	12	<sup>14</sup> 17
Costa Rica.....	<sup>7</sup> 18	<sup>14</sup> 8	Australia.....	116	<sup>14</sup> 8
			French Morocco.....	0	<sup>14</sup> 221
			Algeria.....	0	<sup>14</sup> 170
			Canary Islands.....	83	<sup>14</sup> 40
			Nigeria.....	31	<sup>14</sup> 0

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Tobacco leaf—Continued	1,000	1,000	Cigar wrapper, shade grown—	1,000	1,000
Cigar leaf—Continued	pounds	pounds	Continued	pounds	pounds
Liberia.....	39	14 0	Algeria.....	7 12	7 10
Other countries.....	27	14 1	Other countries.....		
Total.....	6,404	14 3,534	Total.....		7 3,803
Cigar binder: <sup>10</sup>			Dark-fired Kentucky and		
Latin American Republics <sup>2</sup> —			Tennessee:		
Canada.....		7 112	Canada.....	52	14 23
Guatemala.....		7 24	Latin American Republics <sup>2</sup> —		
Republic of Panama.....		7 9	Panama Republic.....	36	14 17
Other L. A. Republics.....		7 4	Brazil.....	24	14 33
Total L. A. Republics.....		7 37	Uruguay.....	0	14 13
British West Indies <sup>3</sup> .....		7 12	Honduras.....	0	14 10
Surinam.....		7 18	Argentina.....	838	14 165
Europe—			Other L. A. Republics.....	3	14 5
Sweden.....		7 75	Total L. A. Republics.....	901	14 243
Norway.....		7 16	British West Indies <sup>3</sup> .....	15	14 2
Denmark.....		7 180	Netherlands Antilles.....	5	14 4
Netherlands.....		7 254	Europe—		
Belgium and Luxembourg.....		7 82	Iceland.....	128	14 33
Germany.....	7 3,153		Sweden.....	1,711	14 494
Austria.....		7 288	Norway.....	128	14 352
Switzerland.....		7 94	Denmark.....	573	14 489
Portugal.....		7 84	United Kingdom.....	203	14 0
Malta, Gozo and Cyprus.....		7 46	Ireland (Eire).....	585	14 229
Other Europe.....		7 7	Netherlands.....	4,660	14 2,889
Total Europe.....		7 4,279	Belgium and Luxembourg.....	1,956	14 1,397
French Indochina.....		7 29	France.....	19	14 0
Australia.....		7 10	Germany.....	279	14 709
Algeria.....		7 122	Austria.....	17	14 0
Cameroon.....		7 21	Switzerland.....	3,415	14 2,166
Other countries.....		7 49	Azores.....	138	14 29
Total.....		7 4,689	Portugal.....	570	14 137
Cigar filler: <sup>16</sup>			Malta, Gozo and Cyprus.....	104	14 41
Latin American Republics <sup>2</sup> .....		7 5	Italy.....	1,827	14 1,691
Europe—			Other Europe.....	21	14 0
Denmark.....		7 44	Total Europe.....	16,334	14 10,706
Netherlands.....		7 87	New Zealand.....	18	14 20
Belgium and Luxembourg.....		7 2	French Morocco.....	0	14 63
Germany.....	7 5,511		Algeria.....	138	14 258
Other Europe.....		7 0	Tunisia.....	265	14 328
Total Europe.....		7 5,644	Egypt.....	293	14 15
French Morocco.....		7 502	Canary Islands.....	196	14 108
Algeria.....	7 1,441		Cameroon.....	42	14 6
Other countries.....		7 80	French Equatorial Africa.....	33	14 3
Total.....		7 7,672	French West Africa.....	129	14 18
Cigar wrapper, shade grown: <sup>16</sup>			Gold Coast.....	207	14 110
Canada.....		7 180	Portuguese Guinea.....	60	14 32
Latin American Republics <sup>2</sup> .....		7 16	Liberia.....	29	14 11
Europe—			Madagascar.....	31	14 0
Denmark.....		7 453	Other countries.....	18	14 32
Netherlands.....		7 480	Total.....	18,766	14 11,972
Belgium and Luxembourg.....		7 19	Dark-fired Kentucky and		
Germany.....	7 2,509		Tennessee, stemmed: <sup>16</sup>		
Austria.....		7 69	Canada.....		7 11
Other Europe.....		7 11	Latin American Republics <sup>2</sup> .....		7 6
Total Europe.....		7 3,541	Europe—		
Republic of Philippines.....		7 35	Denmark.....		7 21
			United Kingdom.....		7 17
			Ireland (Eire).....		7 64
			Netherlands.....		7 77
			France.....		7 896
			Germany.....		7 271
			Switzerland.....		7 73
			Azores.....		7 30

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Dark Virginia—Continued	1,000	1,000
Tobacco leaf—Continued			Europe—	pounds	pounds
Dark-fired Kentucky and Tennessee, stemmed—Continued			Sweden.....	1,516	14 794
Europe—Continued	1,000	1,000	Norway.....	2,061	14 1,510
Italy.....	pounds	pounds	Denmark.....	25	14 20
Other Europe.....	7 72	7 12	United Kingdom.....	103	14 17
Total Europe.....	7 1,523	7 12	Ireland (Eire).....	42	14 12
French Indochina.....			Netherlands.....	892	14 928
Algeria.....	7 29	7 29	Belgium and Luxembourg.....	649	14 90
Nigeria.....	7 147	7 38	France.....	68	14 0
Other countries.....	7 8	7 8	Germany.....	0	14 320
Total.....	7 1,762	7 8	Austria.....	48	14 316
Dark-fired Kentucky and Tennessee, unstemmed: <sup>16</sup>			Switzerland.....	1,078	14 234
Canada.....	7 22	7 22	Finland.....	36	14 0
Latin American Republics <sup>2</sup> —			Portugal.....	43	14 176
Panama Republic.....	7 17	7 15	Other Europe.....	0	14 0
Uruguay.....	7 15	7 15	Total Europe.....	6,551	14 4,417
Argentina.....	7 30	7 30	India <sup>3</sup> .....	36	14 0
Other L. A. Republics.....	7 1	7 1	Australia.....	33	14 7
Total L. A. Republics.....	7 63	7 63	New Zealand.....	102	14 118
British Honduras.....	7 10	7 10	Algeria.....	35	14 0
British West Indies <sup>3</sup> .....	7 59	7 59	Egypt.....	22	14 0
British Guiana.....	7 33	7 33	Canary Islands.....	231	14 0
Europe—			Angola <sup>4</sup> .....	7 16	14 0
Sweden.....	7 635	7 635	Other countries.....	35	14 3
Norway.....	7 116	7 116	Total.....	7,282	14 4,645
Denmark.....	7 293	7 293	Dark Virginia, stemmed: <sup>16</sup>		
United Kingdom.....	7 1,188	7 1,188	British West Indies <sup>3</sup> .....		7 114
Ireland (Eire).....	7 609	7 609	Europe—		
Netherlands.....	7 2,706	7 2,706	Norway.....		7 7
Belgium and Luxembourg.....	7 776	7 776	United Kingdom.....		7 26
France.....	7 3,851	7 3,851	Switzerland.....		7 52
Germany.....	7 1,829	7 1,829	Other Europe.....		7 0
Austria.....	7 80	7 80	Total Europe.....		7 85
Switzerland.....	7 390	7 390	Palestine <sup>5</sup> .....		7 23
Finland.....	7 17	7 17	Other countries.....		7 0
Azores.....	7 24	7 24	Total.....		7 222
Portugal.....	7 33	7 33	Dark Virginia, unstemmed: <sup>16</sup>		
Malta, Gozo and Cyprus.....	7 34	7 34	Newfoundland and Labrador.....		7 5
Italy.....	7 428	7 428	Europe—		
Other Europe.....	7 0	7 0	Norway.....		7 355
Total Europe.....	7 12,989	7 12,989	Denmark.....		7 37
French Indochina.....	7 20	7 20	United Kingdom.....		7 151
New Zealand.....	7 63	7 63	Ireland (Eire).....		7 25
French Morocco.....	7 111	7 111	Netherlands.....		7 191
Algeria.....	7 765	7 765	Belgium and Luxembourg.....		7 181
Tunisia.....	7 106	7 106	Germany.....		7 276
Canary Islands.....	7 185	7 185	Finland.....		7 69
Cameroon.....	7 104	7 104	Other Europe.....		7 0
French Equatorial Africa.....	7 85	7 85	Total Europe.....		7 1,285
French West Africa.....	7 253	7 253	India <sup>3</sup> .....		7 20
Gold Coast.....	7 133	7 133	French Indochina.....		7 27
Portuguese Guinea.....	7 39	7 39	Hong Kong.....		7 11
Liberia.....	7 28	7 28	Australia.....		7 151
Other countries.....	7 13	7 13	New Zealand.....		7 133
Total.....	7 15,084	7 15,084	Cameroon.....		7 22
Dark Virginia:			Other countries.....		7 0
Newfoundland and Labrador.....	14	14 2	Total.....		7 1,654
Latin American Republics <sup>2</sup> .....	31	14 59	Green River:		
British West Indies <sup>3</sup> .....	156	14 39	Latin American Republics <sup>2</sup> .....	9	14 1

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Tobacco leaf—Continued					
Green River—Continued					
Europe—	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
United Kingdom.....	85	14 0	Maryland, unstemmed: <sup>16 24</sup>		
Ireland (Eire).....	51	14 52	Europe—		
Netherlands.....	278	14 294	Denmark.....		7 37
Belgium and Luxembourg.....	210	14 0	United Kingdom.....		7 11
France.....	114	14 0	Netherlands.....		7 69
Other Europe.....	17	14 0	Belgium and Luxembourg.....		7 75
Total Europe.....	755	14 346	Germany.....		7 140
Liberia.....	161	14 54	Austria.....		7 66
Other countries.....	25	14 6	Switzerland.....		7 2,499
Total.....	950	14 407	Other Europe.....		7 14
Green River, stemmed: <sup>16</sup>		7 0	Total Europe.....		7 2,911
Green River, unstemmed: <sup>16</sup>			French Morocco.....		7 341
Europe—			Tunisia.....		7 145
United Kingdom.....		7 526	Other countries.....		7 2
Ireland (Eire).....		7 87	Total.....		7 3,399
Netherlands.....		7 524			
France.....		7 1,082	One sucker leaf:		
Germany.....		7 249	Newfoundland and Labrador.....	79	14 0
Other Europe.....		7 4	British West Indies <sup>a</sup> .....	30	14 17
Total Europe.....		7 2,472	Europe—		
Gold Coast.....		7 5	Netherlands.....	453	14 233
Liberia.....		7 55	Belgium and Luxembourg.....	211	14 25
Other countries.....		7 1	France.....	765	14 0
Total.....		7 2,533	Other Europe.....	5	14 0
Maryland and Ohio export:			Total Europe.....	1,434	14 258
Newfoundland and Labrador.....	14	14 12	French Morocco.....	0	14 195
Europe—			French West Africa.....	26	14 0
Norway.....	13	14 4	Nigeria.....	42	14 0
Denmark.....	21	14 19	Tunisia.....	0	14 235
United Kingdom.....	41	14 15	Portuguese Guinea.....	58	14 42
Netherlands.....	1,587	14 207	Liberia.....	135	14 56
Belgium and Luxembourg.....	272	14 104	Other countries.....	14	14 6
France.....	494	14 0	Total.....	1,818	14 809
Germany.....	0	14 551	One sucker, stemmed: <sup>16</sup>		7 0
Austria.....	0	14 28			
Switzerland.....	3,472	14 3,681	One sucker, unstemmed: <sup>16</sup>		
Other Europe.....	1	14 8	Newfoundland and Labrador.....		7 15
Total Europe.....	5,901	14 4,617	British West Indies <sup>a</sup> .....		7 33
French Morocco.....	198	14 442	Europe—		
Algeria.....	0	14 133	Norway.....		7 17
Tunisia.....	288	14 350	Netherlands.....		7 394
Other countries.....	15	14 4	Belgium and Luxembourg.....		7 91
Total.....	6,416	14 5,558	France.....		7 2,297
Maryland, stemmed: <sup>16 24</sup>			Germany.....		7 288
Europe—			Switzerland.....		7 5
Norway.....		7 3	Other Europe.....		7 0
Belgium and Luxembourg.....		7 4	Total Europe.....		7 3,092
Germany.....		7 185	French Morocco.....		7 103
Switzerland.....		7 17	Algeria.....		7 222
Other Europe.....		7 0	Tunisia.....		7 114
Total Europe.....		7 209	Cameroon.....		7 10
French Morocco.....		7 64	French Equatorial Africa.....		7 22
Other countries.....		7 0	French West Africa.....		7 104
Total.....		7 273	Gold Coast.....		7 23
			Nigeria.....		7 640
			Portuguese Guinea.....		7 70
			Liberia.....		7 72
			Other countries.....		7 0
			Total.....		7 4,523
			Perique:		
			Canada.....	16	1

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Other dried beans—Continued</b>		
Tobacco leaf—Continued			Europe—Continued	1,050 pounds	1,060 pounds
Perique—Continued			France.....	88	1
Europe—			Germany.....	3,234	73,342
Norway.....	20	0	Austria.....	59,269	5,679
United Kingdom.....	37	7	Switzerland.....	23	4
Switzerland.....	23	0	Finland.....	80	0
Other Europe.....	3	2	Poland and Danzig.....	160	0
Total Europe.....	83	9	Italy.....	72,269	0
China.....	( <sup>1</sup> )	0	Trieste <sup>10</sup> .....	71,895	94
Other countries.....	1	1	Greece.....	45,018	23,563
Total.....	100	11	Other Europe.....	3	9
Vegetables, fresh or dried:			Total Europe.....	184,913	103,056
Beans, seed:			Pakistan *.....	780	0
Canada.....	618	333	Saudi Arabia.....	162	99
Latin American Republics <sup>2</sup> —			Republic of Philippines.....	378	985
Mexico.....	38	17	Japan.....	29,903	8,979
Cuba.....	720	320	French Pacific Islands.....	165	188
Brazil.....	10	3	Other countries.....	75	315
Uruguay.....	13	0	Total.....	268,917	181,939
Argentina.....	32	14	<b>Onions:</b>		
Other L. A. Republics.....	17	15	Canada.....	4,610	16,939
Total L. A. Republics.....	830	369	Newfoundland and Labrador.....	231	368
British West Indies <sup>1</sup> .....	27	16	Latin American Republics <sup>2</sup> —		
Europe—			Mexico.....	3,737	2,117
United Kingdom.....	248	0	Honduras.....	18	35
Ireland (Eire).....	12	2	Nicaragua.....	136	102
Netherlands.....	45	7	Costa Rica.....	532	359
Belgium and Luxembourg.....	5	16	Panama Republic.....	775	2,545
France.....	246	352	Canal Zone.....	1,603	1,465
Germany.....	2,383	3,318	Cuba.....	29,541	39,363
Switzerland.....	380	59	Haiti.....	83	101
Other Europe.....	2	1	Dominican Republic.....	683	1,368
Total Europe.....	3,321	3,755	Colombia.....	309	128
Palestine <sup>5</sup> .....	10	17	Venezuela.....	267	2,310
Japan.....	3	1	Brazil.....	70	18
Australia.....	3	25	Other L. A. Republics.....	72	18
New Zealand.....	52	20	Total L. A. Republics.....	37,826	49,929
Union of South Africa.....	15	3	British Honduras.....	163	178
Other countries.....	12	16	British West Indies <sup>3</sup> .....	795	950
Total.....	4,891	4,555	Netherlands Antilles.....	932	642
<b>Other dried beans:</b>			Europe.....	109	0
Canada.....	1,542	2,845	Saudi Arabia.....	49	147
Newfoundland and Labrador.....	60	97	Siam (Thailand).....	35	0
Latin American Republics <sup>2</sup> —			Republic of Philippines.....	17,910	19,402
Mexico.....	156	201	Hong Kong.....	15	275
Panama Republic.....	152	219	Japan.....	30	116
Canal Zone.....	494	508	French Pacific Islands.....	208	112
Cuba.....	48,615	61,523	Liberia.....	39	22
Colombia.....	108	90	Other Countries.....	16	105
Venezuela.....	752	834	Total.....	62,968	89,185
Argentina.....	84	0	<b>Chickpeas, dried:</b>		
Other L. A. Republics.....	118	43	Canada.....	51	0
Total L. A. Republics.....	50,479	63,418	Newfoundland and Labrador.....	0	16
British West Indies <sup>3</sup> .....	149	261	Latin American Republics <sup>2</sup> —		
British Honduras.....	339	417	Costa Rica.....	15	0
Netherlands Antilles.....	662	630	Panama Republic.....	42	7
French West Indies.....	10	649	Canal Zone.....	12	16
Europe—			Cuba.....	217	0
United Kingdom.....	1,736	0	Venezuela.....	234	45
Ireland (Eire).....	350	64	Brazil.....	163	0
Belgium and Luxembourg.....	788	100	Other L. A. Republics.....	32	16
			Total L. A. Republics.....	715	84

See footnotes on page 549.

TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Other dried peas—Continued</b>		
Vegetables, fresh or dried—Con.	1,000	1,000	L. A. Republics—Continued	1,000	1,000
Chickpeas, dried—Continued	pounds	pounds	Venezuela.....	3,917	3,324
Austria.....	0	300	Brazil.....	1,973	846
Saudi Arabia.....	33	2	Uruguay.....	155	76
Republic of Philippines.....	416	334	Argentina.....	104	0
Japan.....	3	0	Other L. A. Republics.....	106	84
Other countries.....	19	15			
Total.....	1,237	751	Total L. A. Republics.....	18,334	12,918
<b>Cowpeas, dried:</b>			British West Indies <sup>3</sup> .....	119	99
Canada.....	0	18	Netherlands Antilles.....	298	137
Latin American Republics <sup>2</sup> —			Europe—		
Panama Republic.....	8	65	Iceland.....	212	482
Canal Zone.....	15	47	United Kingdom.....	524	132
Cuba.....	212	0	Ireland (Eire).....	207	532
Venezuela.....	15	46	Netherlands.....	80	1
Argentina.....	0	15	Germany.....	83,187	24,099
Other L. A. Republics.....	2	14	Austria.....	17,252	36,552
Total L. A. Republics.....	252	187	Switzerland.....	807	79
			Portugal.....	0	27
British West Indies <sup>3</sup> .....	56	39	Italy.....	2,732	0
Netherlands Antilles.....	129	124	Greece.....	1,703	0
Indonesia.....	3	9	Other Europe.....	9	27
Republic of Philippines.....	2	0	Total Europe.....	106,713	61,931
Other countries.....	14	5			
Total.....	456	382	Palestine <sup>5</sup> .....	0	114
<b>Peas, seed:</b>			Saudi Arabia.....	70	10
Canada.....	2,212	3,493	Republic of Philippines.....	276	201
Newfoundland and Labrador.....	37	0	China.....	45	0
Latin American Republics <sup>2</sup> —			Hong Kong.....	26	65
Mexico.....	51	84	Japan.....	96,050	25,231
Brazil.....	7	101	French Pacific Islands.....	47	42
Uruguay.....	686	214	Belgian Congo.....	13	23
Argentina.....	223	0	Other countries.....	85	124
Other L. A. Republics.....	10	2			
Total L. A. Republics.....	977	401	Total.....	223,425	102,435
<b>Europe—</b>			<b>Potatoes, white:</b>		
Sweden.....	617	0	Canada.....	33,537	31,190
Norway.....	56	18	Newfoundland and Labrador.....	261	109
United Kingdom.....	2,842	2,018	Latin American Republics <sup>2</sup> —		
Netherlands.....	6,359	291	Mexico.....	20,825	17,478
Belgium and Luxembourg.....	693	170	Panama Republic.....	1,767	396
France.....	582	526	Canal Zone.....	10,986	9,328
Germany.....	24,494	15,509	Cuba.....	118,087	93,260
Austria.....	677	1,056	Haiti.....	616	160
Switzerland.....	178	324	Dominican Republic.....	1,993	607
Italy.....	162	23	Colombia.....	2,330	709
Other Europe.....	1	2	Venezuela.....	42,668	38,975
Total Europe.....	36,661	19,937	Ecuador.....	1,000	0
			Peru.....	500	0
Korea.....	7	0	Bolivia.....	200	0
Japan.....	0	3	Brazil.....	9,094	2,764
New Zealand.....	25	24	Uruguay.....	11,239	0
Other countries.....	20	9	Argentina.....	203,793	0
Total.....	39,939	23,867	Other L. A. Republics.....	133	38
<b>Other dried peas:</b>			Total L. A. Republics.....	425,231	163,716
Canada.....	550	1,238	British Honduras.....	420	534
Newfoundland and Labrador.....	780	290	British West Indies <sup>3</sup> .....	3,911	900
Miquelon and St. Pierre.....	19	12	Netherlands Antilles.....	7,351	4,843
Latin American Republics <sup>2</sup> —			French West Indies.....	77	33
Mexico.....	191	94	Europe—		
Panama Republic.....	260	400	France.....	16,877	(4)
Canal Zone.....	285	222	Germany.....	403,793	17,409
Cuba.....	11,343	7,872	Austria.....	30,252	0
			Italy.....	100	2
			Greece.....	50,814	39,336
			Other Europe.....	22	10
			Total Europe.....	501,858	56,757

See footnotes on page 549.



TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Vegetables, fresh or dried—Con.	1,000 pounds	1,000 pounds	Dehydrated soups—Continued	1,000 pounds	1,000 pounds
Potatoes, white—Continued			Union of South Africa.....	250	246
Palestine <sup>5</sup> .....	110	0	Other countries.....	37	35
State of Bahrain.....	166	262	Total.....	25,826	3,459
Saudi Arabia.....	488	949	Dehydrated vegetables:		
Indonesia.....	4	338	Canada.....	157	67
Republic of Philippines.....	24,626	24,742	Latin American Republics <sup>2</sup> —		
Korea.....	982	0	Mexico.....	8	9
Hong Kong.....	409	249	Canal Zone.....	7	2
Japan.....	78	2,552	Cuba.....	35	8
French Pacific Islands.....	301	251	Venezuela.....	8	5
Liberia.....	82	60	Other L. A. Republics.....	2	7
Other countries.....	230	1	Total L. A. Republics.....	60	31
Total.....	1,000,122	287,185	Europe—		
Tomatoes, fresh:			Belgium and Luxembourg.....	5,436	0
Canada.....	22,207	37,023	Germany.....	8,245	7,271
Newfoundland and Labrador.....	393	231	Austria.....	88	0
Latin American Republics <sup>2</sup> —			Switzerland.....	582	11
Mexico.....	2,554	470	Greece.....	33	0
Panama Republic.....	42	32	Other Europe.....	15	0
Canal Zone.....	130	227	Total Europe.....	14,399	7,282
Cuba.....	609	988	Palestine <sup>5</sup> .....	2	22
Venezuela.....	23	140	Saudi Arabia.....	49	38
Other L. A. Republics.....	4	0	Indonesia.....	6,264	0
Total L. A. Republics.....	3,362	1,857	Republic of Philippines.....	6	4
British West Indies <sup>3</sup> .....	151	94	Japan.....	124	10
Netherlands Antilles.....	144	326	Other countries.....	7	5
Iceland.....	20	0	Total.....	21,068	7,459
Belgium and Luxembourg.....	63	0	Vegetables, canned:		
Other Europe.....	0	0	Asparagus, canned:		
Saudi Arabia.....	25	0	Canada.....	626	23
Republic of Philippines.....	12	4	Newfoundland and Labrador.....	23	16
Japan.....	3	27	Latin American Republics <sup>2</sup> —		
Other countries.....	3	17	Mexico.....	399	703
Total.....	26,383	39,579	Guatemala.....	59	99
Dehydrated soups:			El Salvador.....	40	77
Canada.....	80	8	Honduras.....	26	23
Latin American Republics <sup>2</sup> —			Costa Rica.....	63	46
Mexico.....	230	107	Panama Republic.....	30	92
Costa Rica.....	32	17	Canal Zone.....	81	80
Panama Republic.....	140	138	Cuba.....	304	499
Canal Zone.....	12	5	Colombia.....	165	46
Cuba.....	177	157	Venezuela.....	238	493
Dominican Republic.....	32	25	Peru.....	68	4
Colombia.....	10	7	Bolivia.....	28	45
Venezuela.....	260	284	Brazil.....	215	1
Peru.....	50	7	Other L. A. Republics.....	40	59
Brazil.....	87	0	Total L. A. Republics.....	1,756	2,267
Other L. A. Republics.....	36	36	British West Indies <sup>3</sup> .....	20	22
Total L. A. Republics.....	1,066	783	Netherlands Antilles.....	48	45
British West Indies <sup>3</sup> .....	29	18	Europe—		
Netherlands Antilles.....	48	51	Sweden.....	134	0
Iceland.....	1	20	Denmark.....	27	0
Netherlands.....	46	47	United Kingdom.....	130	308
Belgium and Luxembourg.....	3,189	922	Netherlands.....	265	23
Austria.....	26	( <sup>4</sup> )	Belgium and Luxembourg.....	2,979	1,246
Switzerland.....	98	11	Germany.....	0	69
Italy.....	52	620	Switzerland.....	2,064	1,316
Other Europe.....	24	270	Other Europe.....	16	8
Total Europe.....	3,436	1,890	Total Europe.....	5,615	2,970
Republic of Philippines.....	857	395			
Japan.....	20,023	33			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948 <sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Vegetables, canned—Continued			Baked beans and pork and beans, canned—Continued	1,000 pounds	1,000 pounds
Asparagus, canned—Continued			Southern Rhodesia	114	0
Lebanon <sup>6</sup>	76	57	Other countries	104	68
Saudi Arabia	89	163	Total	9,733	4,734
Siam (Thailand)	31	25			
Indonesia	24	56	Lima beans, canned:		
Republic of Philippines	442	1,429	Canada	47	58
Hong Kong	176	188	Latin American Republics <sup>2</sup> —		
Japan	9	31	Canal Zone	87	67
French Pacific Islands	50	12	Cuba	12	11
French Morocco	10	57	Colombia	10	13
Egypt	30	2	Venezuela	73	38
Angola <sup>4</sup>	720	3	Other L. A. Republics	12	5
Belgian Congo	25	78	Total L. A. Republics	194	134
Mozambique	61	1			
Union of South Africa	1,416	980	British West Indies <sup>3</sup>	9	3
Southern Rhodesia	112	0	Netherlands Antilles	19	14
Other countries	109	68	Europe—		
Total	10,698	8,493	Netherlands	274	0
			Belgium and Luxembourg	3,860	0
Baby food, canned: <sup>16</sup>			France	1	1
Latin American Republics <sup>2</sup> —			Other Europe	4	1
Mexico		710	Total Europe	4,139	2
Canal Zone		768			
Cuba		745	Saudi Arabia	25	83
Colombia		798	Indonesia	12	14
Venezuela		743	Republic of Philippines	15	6
Other L. A. Republics		711	Other countries	26	36
Total L. A. Republics		7275	Total	4,486	350
British West Indies <sup>3</sup>		75			
Republic of Philippines		724	Beans, string or stringless, canned:		
Hong Kong		77	Newfoundland and Labrador	27	15
Other countries		75	Latin American Republics <sup>2</sup> —		
Total		7316	Mexico	103	106
			Panama Republic	72	51
Baked beans and pork and beans, canned:			Canal Zone	310	309
Canada	1,687	129	Cuba	225	295
Newfoundland and Labrador	258	410	Colombia	22	16
Latin American Republics <sup>2</sup> —			Venezuela	181	248
Mexico	21	4	Peru	12	16
Panama Republic	250	168	Other L. A. Republics	16	18
Canal Zone	512	564	Total L. A. Republics	941	1,059
Cuba	101	46			
Colombia	39	16	British West Indies <sup>3</sup>	94	50
Venezuela	191	141	Netherlands Antilles	259	288
Other L. A. Republics	57	15	Europe—		
Total L. A. Republics	1,171	955	Netherlands	850	0
			Belgium and Luxembourg	17,553	22
British West Indies <sup>3</sup>	59	14	Germany	0	147
Netherlands Antilles	40	24	Switzerland	154	247
Europe—			Greece	243	50
United Kingdom	229	250	Other Europe	13	3
Netherlands	43	0	Total Europe	18,813	469
Belgium and Luxembourg	3,357	0			
Switzerland	55	7	Syria <sup>11</sup>	37	0
Other Europe	8	6	Saudi Arabia	160	194
Total Europe	3,692	263	Kuwait	2	26
			Indonesia	38	52
Saudi Arabia	80	101	Republic of Philippines	51	74
Republic of Philippines	1,718	2,490	Japan	275	32
Hong Kong	31	50	Other countries	60	64
Japan	16	12	Total	20,757	2,323
Australia	0	60			
French Pacific Islands	87	45			
Mozambique	56	0			
Union of South Africa	620	113			

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Vegetables, canned—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Peas, canned—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Corn, canned:			Syria <sup>11</sup>	146	0
Canada	5,817	0	Lebanon <sup>6</sup>	276	564
Newfoundland and Labrador	6	17	Kuwait	6	37
Latin American Republics <sup>2</sup> —			Saudi Arabia	286	224
Mexico	161	108	Indonesia	21	290
Panama Republic	35	43	Republic of Philippines	2,350	1,136
Canal Zone	257	206	Hong Kong	181	175
Cuba	388	467	Japan	11	63
Colombia	17	22	French Pacific Islands	132	11
Venezuela	220	202	Tangier	39	27
Brazil	51	0	Angola <sup>6</sup>	4	97
Other L. A. Republics	34	30	Other Portuguese Guinea <sup>12</sup>	26	0
Total L. A. Republics	1,163	1,078	Mozambique	117	51
British West Indies <sup>3</sup>	92	106	Union of South Africa	178	2
Netherlands Antilles	42	96	Other countries	136	219
Europe—			Total	36,257	8,171
United Kingdom	61	147			
Switzerland	49	20	<b>Soups, canned:</b>		
Other Europe	21	14	Canada	151	23
Total Europe	131	181	Newfoundland and Labrador	41	57
Saudi Arabia	105	229	Latin American Republics <sup>2</sup> —		
Pakistan <sup>6</sup>	0	38	Mexico	260	264
Indonesia	17	19	Guatemala	25	46
Republic of Philippines	919	1,476	Honduras	32	33
China	30	0	Costa Rica	26	41
Hong Kong	202	180	Panama Republic	630	697
Japan	11	66	Canal Zone	917	1,266
Union of South Africa	315	446	Cuba	1,255	1,947
Other countries	83	82	Dominican Republic	224	89
Total	8,933	4,014	Colombia	130	141
			Venezuela	1,107	1,493
<b>Peas, canned:</b>			Peru	36	10
Canada	231	23	Bolivia	30	12
Newfoundland and Labrador	345	87	Brazil	247	2
Latin American Republics <sup>2</sup> —			Other L. A. Republics	45	68
Mexico	424	150	Total L. A. Republics	4,964	6,109
El Salvador	31	36			
Honduras	57	62	British West Indies <sup>3</sup>	70	35
Nicaragua	35	77	Netherlands Antilles	435	603
Costa Rica	72	106	Europe—		
Panama Republic	386	239	Sweden	736	1
Canal Zone	388	447	United Kingdom	148	218
Cuba	1,325	1,001	Netherlands	0	82
Dominican Republic	74	78	Belgium and Luxembourg	3,842	600
Colombia	357	80	France	35	19
Venezuela	1,130	1,033	Germany	24	73
Peru	63	7	Switzerland	255	36
Bolivia	38	109	Other Europe	33	17
Brazil	48	6	Total Europe	5,073	1,046
Paraguay	2	1			
Other L. A. Republics	16	26	Lebanon <sup>6</sup>	19	13
Total L. A. Republics	4,446	3,458	Kuwait	2	62
British Honduras	10	14	Saudi Arabia	385	367
British West Indies <sup>3</sup>	144	153	Indonesia	22	42
Netherlands Antilles	366	335	Republic of Philippines	840	872
Europe—			Hong Kong	90	138
Sweden	399	0	Japan	52	204
Netherlands	1,260	0	French Pacific Islands	94	14
Belgium and Luxembourg	22,845	3	Liberia	24	32
Germany	10	260	Belgian Congo	41	66
Switzerland	2,255	920	Union of South Africa	198	21
Greece	16	13	Other countries	135	50
Other Europe	21	9	Total	12,636	9,754
Total Europe	26,806	1,205			
			<b>Spinach, canned:</b>		
			Canada	187	2
			Latin American Republics <sup>2</sup> —		
			Canal Zone	90	100

See footnotes on page 549.

TABLE 614.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Tomato juice, canned—Con.	1,000	1,000
Vegetables, canned—Continued			L. A. Republics—Continued	pounds	pounds
Spinach, canned—Continued			El Salvador.....	31	20
L. A. Republics—Continued			Honduras.....	31	31
Cuba.....	21	13	Nicaragua.....	19	19
Venezuela.....	27	43	Costa Rica.....	22	7
Other L. A. Republics.....	28	3	Panama Republic.....	267	454
Total L. A. Republics.....	166	159	Canal Zone.....	569	509
British West Indies <sup>2</sup> .....	10	8	Cuba.....	2,375	4,202
Netherlands Antilles.....	49	9	Dominican Republic.....	43	12
Europe—			Colombia.....	37	42
Netherlands.....	65	0	Venezuela.....	275	283
Belgium and Luxembourg.....	1,294	0	Peru.....	17	22
Germany.....	0	871	Bolivia.....	28	20
Greece.....	386	47	Brazil.....	94	1
Other Europe.....	6	0	Other L. A. Republics.....	18	3
Total.....	1,751	918	Total L. A. Republics.....	3,902	5,686
Syria <sup>11</sup> .....	19	0	British West Indies <sup>2</sup> .....	48	40
Kuwait.....	3	27	Netherlands Antilles.....	104	106
Saudi Arabia.....	71	118	Europe—		
Japan.....	7	8	United Kingdom.....	25	42
Union of South Africa.....	6	3	Belgium and Luxembourg.....	132	39
Other countries.....	30	40	France.....	9	28
Total.....	2,299	1,292	Germany.....	682	8
Tomatoes, canned:			Switzerland.....	45	97
Canada.....	8,313	102	Other Europe.....	6	2
Newfoundland and Labrador.....	783	25	Total Europe.....	899	216
Latin American Republics <sup>2</sup> —			Syria <sup>11</sup> .....	26	0
Mexico.....	45	43	Saudi Arabia.....	216	357
Nicaragua.....	10	17	Kuwait.....	12	69
Panama Republic.....	18	10	State of Bahrain.....	15	25
Canal Zone.....	399	359	Indonesia.....	10	35
Cuba.....	206	37	Republic of Philippines.....	159	194
Colombia.....	25	16	Hong Kong.....	14	17
Venezuela.....	131	84	Japan.....	3,386	51
Other L. A. Republics.....	55	13	Belgian Congo.....	18	9
Total L. A. Republics.....	889	579	Union of South Africa.....	154	37
British Honduras.....	27	19	Other countries.....	91	35
British West Indies <sup>2</sup> .....	145	82	Total.....	10,602	6,917
Netherlands Antilles.....	448	561	Tomato paste and puree:		
Europe—			Canada.....	4,999	244
Belgium and Luxembourg.....	69	3	Latin American Republics <sup>2</sup> —		
Switzerland.....	77	62	Mexico.....	1,858	1,042
Italy.....	158	6	Guatemala.....	27	19
Greece.....	27	23	Honduras.....	151	250
Other Europe.....	8	1	Costa Rica.....	54	40
Total Europe.....	339	95	Panama Republic.....	538	327
Syria <sup>11</sup> .....	28	0	Canal Zone.....	667	749
Saudi Arabia.....	321	424	Cuba.....	10,058	9,040
State of Bahrain.....	9	22	Dominican Republic.....	496	515
Indonesia.....	16	21	Colombia.....	359	239
Republic of Philippines.....	974	1,683	Venezuela.....	106	162
Japan.....	447	22	Ecuador.....	45	42
Union of South Africa.....	35	10	Peru.....	61	18
Other countries.....	25	38	Bolivia.....	61	66
Total.....	12,799	3,683	Other L. A. Republics.....	73	43
Tomato juice, canned:			Total L. A. Republics.....	14,554	12,552
Canada.....	1,444	3	British West Indies <sup>2</sup> .....	68	27
Newfoundland and Labrador.....	104	37	Netherlands Antilles.....	166	238
Latin American Republics <sup>2</sup> —			Europe—		
Mexico.....	49	33	Iceland.....	75	0
Guatemala.....	27	28	Sweden.....	43	0
			Netherlands.....	54	144
			Belgium and Luxembourg.....	609	533
			Germany.....	55	4

See footnotes on page 549.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued			Other canned vegetables and juices—Continued	1,000 pounds	1,000 pounds
Vegetables, canned—Continued			British West Indies <sup>3</sup>	240	131
Tomato paste and puree—Con.	1,000 pounds	1,000 pounds	Netherlands Antilles	494	291
Europe—Continued			Surinam	26	0
Greece	85	2,377	French Guiana	26	0
Other Europe	14	27	Europe—		
Total Europe	935	3,085	Sweden	44	0
Saudi Arabia	87	162	United Kingdom	197	4
Republic of Philippines	2,380	1,802	Netherlands	447	2
Hong Kong	16	60	Belgium and Luxembourg	11,171	0
Japan	46	6	France	61	30
French Pacific Islands	207	38	Germany	71	34
Liberia	29	55	Switzerland	416	44
Union of South Africa	273	574	Finland	67	0
Other countries	119	297	Poland and Danzig	35	0
Total	23,879	19,140	Italy	180	1
Other canned vegetables and juices:			Other Europe	67	2
Canada	486	23	Total Europe	12,756	117
Newfoundland and Labrador	90	78	Syria <sup>11</sup>	59	3
Latin American Republics <sup>2</sup> —			Lebanon <sup>6</sup>	738	20
Mexico	266	80	Palestine <sup>5</sup>	35	168
Guatemala	31	27	Saudi Arabia	927	1,192
Nicaragua	33	9	Indonesia	112	116
Panama Republic	216	177	Republic of Philippines	944	512
Canal Zone	1,259	731	China	3	81
Cuba	633	1,708	Hong Kong	62	48
Dominican Republic	21	16	Japan	478	3,767
Colombia	208	83	French Pacific Islands	65	8
Venezuela	1,431	770	Liberia	20	18
Peru	35	0	Belgian Congo	30	40
Brazil	1,152	8	Union of South Africa	112	37
Other L. A. Republics	90	106	Other countries	154	220
Total L. A. Republics	5,375	3,715	Total	22,532	10,585

<sup>1</sup> Preliminary.<sup>2</sup> The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.<sup>3</sup> The British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, and the Windward and Leeward Islands.<sup>4</sup> Less than 500.<sup>5</sup> Prior to 1948 includes Trans-Jordan.<sup>6</sup> Not separately reported prior to 1948.<sup>7</sup> January–June.<sup>8</sup> Prior to 1948 includes Pakistan.<sup>9</sup> Spanish Africa includes Canary Islands and other Spanish Africa.<sup>10</sup> Prior to 1948 included in Italy.<sup>11</sup> Prior to 1948 includes Lebanon.<sup>12</sup> Prior to 1948 includes Angola.<sup>13</sup> Beginning 1949 included in other egg products, dried, frozen, or otherwise preserved.<sup>14</sup> July–December.<sup>15</sup> British West Africa includes Gold Coast, Nigeria, and other British West Africa not elsewhere specified.<sup>16</sup> Not separately classified prior to Jan. 1, 1949.<sup>17</sup> Prior to October 1948, bales of 500 pounds.<sup>18</sup> Beginning 1949, included in "other dried fruits."<sup>19</sup> Beginning 1949, included in "other berries."<sup>20</sup> Beginning 1949, included in "other canned fruits."<sup>21</sup> Beginning 1949, included in "other fruit preparations."<sup>22</sup> Excludes apricot and peach pits and kernels.<sup>23</sup> Less than one-half ton.<sup>24</sup> Formerly classified as Maryland and Ohio export.

Office of Foreign Agricultural Relations, United States Department of Agriculture. Compiled from official records of the Bureau of the Census.

GENERAL NOTE.—Export statistics appearing in this table include commercial, Economic Cooperation Administration, United States Foreign Relief, Interim Aid, Greek-Turkish Aid, UNRRA, Lend-Lease, and exports under the Army Civilian Supply Program. Excluded from the export figures are shipments to the United States armed forces abroad for their own use, shipments between continental United States and the territories and possessions, and shipments between the territories and possessions.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS</b>			<b>Cheese—Continued</b>		
Cattle (dutiable by weight):	Thou-	Thou-	Blue-mold—Continued	1,000	1,000
Less than 200 pounds each:	sands	sands	Europe—	pounds	pounds
Canada and total.....	10	42	Denmark.....	291	883
200 to 700 pounds each:			France.....	9	0
Canada and total.....	2	117	Italy.....	85	182
700 pounds each, or over:			Other Europe.....	2	18
Cows for dairy purposes:			Total Europe.....	387	1,083
Canada.....	64	71	Other countries.....	0	0
Other countries.....	( <sup>2</sup> )	0	Total.....	474	1,106
Total.....	64	71	Goya:		
Other cattle, dutiable:			Argentina.....	8	0
Canada.....	( <sup>2</sup> )	282	Other countries.....	0	( <sup>2</sup> )
Other countries.....	( <sup>2</sup> )	0	Total.....	8	( <sup>2</sup> )
Total.....	( <sup>2</sup> )	282	Edam and Gouda:		
Cattle (free of duty):			Argentina.....	381	365
Canada.....	41	30	Europe—		
Other countries.....	( <sup>2</sup> )	( <sup>2</sup> )	Norway.....	3	5
Total.....	41	30	Netherlands.....	170	402
			Other Europe.....	2	8
			Total Europe.....	175	415
	1,000	1,000	Other countries.....	0	( <sup>2</sup> )
Butter:	pounds	pounds	Total.....	556	780
Canada.....	4	4	Provloni:		
Latin American Republics <sup>2</sup> .....	( <sup>2</sup> )	1	Argentina.....	103	13
Denmark.....	44	90	Italy.....	230	834
Other Europe.....	1	( <sup>2</sup> )	Other countries.....	0	0
Total Europe.....	45	90	Total.....	333	847
New Zealand.....	1	364	Provolette:		
Other countries.....	0	0	Argentina.....	3	0
Total.....	50	459	Italy.....	0	15
Cheese:			Other countries.....	0	0
Swiss, Emmenthaler, with eye			Total.....	3	15
formation:			Reggiano:		
Denmark.....	49	72	Argentina.....	883	1,031
Switzerland.....	1,193	3,847	Italy.....	92	39
Other countries.....	9	29	Other countries.....	22	0
Total.....	1,251	3,948	Total.....	997	1,070
Swiss, Gruyere, process cheese:			Parmesan:		
Argentina.....	100	14	Italy.....	19	7
Netherlands.....	1	6	Other countries.....	0	2
Finland.....	0	13	Total.....	19	9
Switzerland.....	585	992	Romano:		
Other countries.....	2	7	Argentina.....	5,208	3,746
Total.....	688	1,032	Italy.....	2,117	3,120
Bryndza:			Other countries.....	24	17
Denmark.....	40	1	Total.....	7,349	6,883
Other countries.....	40	0	Pecorino:		
Total.....	40	1	Argentina.....	121	175
Cheddar:			Italy.....	2,034	4,276
Canada.....	6	18	Other countries.....	0	0
Argentina.....	12	0	Total.....	2,155	4,451
Other countries.....	0	1			
Total.....	18	19			
Blue-mold:					
Canada.....	40	4			
Argentina.....	47	19			

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>					
Cheese—Continued			Yolks, dried—Continued		
Roquefort:			Other countries	1,000 pounds <sup>(2)</sup>	1,000 pounds <sup>(2)</sup>
France	399	1,254			
Other countries	( <sup>2</sup> )	0	Total	117	430
Total	399	1,254	Eggs, whole, frozen:		
Sbrinz:			China	5	3
Argentina and total	1,254	753	Other countries	1	1
Other cheese:			Egg albumen, frozen	( <sup>2</sup> )	0
Canada	90	68	Egg yolks, frozen	( <sup>2</sup> )	0
Latin American Republics <sup>3</sup> —			Total	6	4
Mexico	141	19			
Dominican Republic	79	136	Beef, canned, including corned:		
Argentina	123	1	Canada	13	377
Other L. A. Republics	0	( <sup>2</sup> )	Brazil	7,393	22,013
Total L. A. Republics	343	156	Paraguay	50	3,279
Europe—			Uruguay	9,582	20,695
Norway	226	313	Argentina	57,854	69,814
Netherlands	5	42	Other countries	( <sup>2</sup> )	0
Switzerland	25	42	Total	74,892	116,178
Italy	722	2,181	Sausage casings:		
Bulgaria	0	23	Canada	5,378	5,651
Other Europe	3	24	Latin American Republics <sup>3</sup> —		
Total Europe	981	2,625	Peru	13	16
Turkey	18	116	Chile	390	308
Other countries	( <sup>2</sup> )	( <sup>2</sup> )	Brazil	726	601
Total	1,432	2,965	Paraguay	209	665
Casein or lactarene:			Uruguay	949	908
Canada	2,478	3,709	Argentina	6,409	2,833
Latin American Republics <sup>3</sup> —			Other L. A. Republics	10	15
Brazil	181	0	Total L. A. Republics	8,706	5,346
Uruguay	187	540	Europe—		
Argentina	31,871	24,332	Sweden	800	276
Other L. A. Republics	9	0	Denmark	806	198
Total L. A. Republics	32,248	24,872	Belgium and Luxembourg	50	9
Australia	126	227	U.S.S.R.	262	254
New Zealand	128	0	Greece	13	4
Other countries	4	0	Other Europe	48	152
Total	34,984	28,808	Total Europe	1,979	893
Eggs in the shell:	1,000 dozen	1,000 dozen	Turkey	194	183
Canada	647	2,902	Syria <sup>5</sup>	65	38
China	155	219	Lebanon	<sup>6</sup> 120	65
Hong Kong	17	12	Iraq	254	305
Other countries	( <sup>2</sup> )	31	Iran (Persia)	406	376
Total	819	3,164	Palestine	23	7
Eggs, whole, dried:	1,000 pounds	1,000 pounds	India <sup>7</sup>	16	8
China	( <sup>2</sup> )	40	Pakistan	<sup>6</sup> 36	47
Other countries	( <sup>2</sup> )	( <sup>2</sup> )	China	431	287
Egg albumen, dried:			Australia	474	594
Canada	117	0	New Zealand	1,018	573
China	( <sup>2</sup> )	7	Egypt	51	36
Other countries	0	4	Other countries	3	26
Yolks, dried:			Total	19,154	14,415
Argentina	0	39	Beeswax		
China	( <sup>2</sup> )	340	Latin American Republics <sup>3</sup> —		
			Mexico	29	160
			Guatemala	78	69
			El Salvador	9	9
			Cuba	552	666
			Haiti	121	109
			Dominican Republic	423	418
			Chile	279	122

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>					
Beeswax—Continued	1,000 pounds	1,000 pounds	Cattle hides—Continued	1,000 pounds	1,000 pounds
L. A. Republics—Continued			India <sup>7</sup> .....	133	12
Brazil.....	789	778	Pakistan.....	* 381	160
Other L. A. Republics.....	0	35	Burma.....	716	189
Total L. A. Republics.....	2,280	2,366	Siam (Thailand).....	1,650	2,776
Portugal.....	55	0	Indonesia.....	23	0
Turkey.....	33	145	Republic of Philippines.....	0	234
Iran (Persia).....	14	8	Australia.....	217	399
Egypt.....	194	277	New Zealand.....	108	0
Anglo-Egyptian Sudan.....	0	57	Ethiopia.....	552	595
Angola.....	* 22	93	British Somaliland.....	160	0
Portuguese Guinea <sup>8</sup> .....	6	0	British East Africa.....	136	3
Ethiopia.....	803	542	Union of South Africa.....	899	0
British East Africa.....	33	455	Other countries.....	115	115
Union of South Africa.....	25	43	Total.....	104,377	42,384
Other countries.....	64	169			
Total.....	3,529	4,155	<b>Calf skins:</b>		
<b>Honey:</b>			Canada.....	1,140	2,314
Canada.....	7	25	Latin American Republics <sup>2</sup> —		
Latin American Republics <sup>2</sup> —			Mexico.....	10	2
Mexico.....	2,913	2,978	Argentina.....	44	3
Guatemala.....	481	748	Other L. A. Republics.....	3	2
El Salvador.....	152	374	Total L. A. Republics.....	57	7
Costa Rica.....	31	99	<b>Europe—</b>		
Cuba.....	3,420	3,637	Iceland.....	4	7
Haiti.....	213	153	Norway.....	28	1
Dominican Republic.....	207	206	United Kingdom.....	1	60
Chile.....	96	( <sup>2</sup> )	Belgium and Luxembourg.....	66	0
Argentina.....	1,051	449	Finland.....	99	0
Other L. A. Republics.....	10	10	Italy.....	191	15
Total L. A. Republics.....	8,574	8,654	Other Europe.....	1	8
Other countries.....	2	9	Total Europe.....	390	91
Total.....	8,583	8,688	<b>Arabia Peninsula States.....</b>	28	86
<b>Hides and skins, raw (ex. furs):</b>			India <sup>7</sup> .....	190	53
Cattle hides:			Pakistan.....	* 73	23
Canada.....	24,248	18,199	New Zealand.....	1,248	0
Newfoundland and Labrador.....	284	304	Ethiopia.....	66	104
Latin American Republics <sup>2</sup> —			British East Africa.....	141	2
Mexico.....	2,892	6,337	Union of South Africa.....	418	219
Nicaragua.....	157	0	Other countries.....	91	42
Panama Republic.....	266	0	Total.....	3,842	2,941
Canal Zone.....	85	0	<b>Kip skins:</b>		
Dominican Republic.....	10	232	Canada.....	431	1,382
Cuba.....	1,329	1,380	Latin American Republics <sup>2</sup> —		
Colombia.....	1,112	166	Mexico.....	100	1
Ecuador.....	145	64	Brazil.....	1,077	12
Bolivia.....	110	0	Uruguay.....	117	0
Brazil.....	8,238	8,044	Argentina.....	540	211
Paraguay.....	233	0	Other L. A. Republics.....	0	0
Uruguay.....	1,484	575	Total L. A. Republics.....	1,834	224
Argentina.....	57,323	1,909	<b>India<sup>7</sup>.....</b>	137	27
Other L. A. Republics.....	161	37	Pakistan.....	* 90	159
Total L. A. Republics.....	73,545	18,744	Burma.....	0	242
British West Indies <sup>9</sup> .....	30	65	Siam (Thailand).....	632	67
Europe—			China.....	28	18
Sweden.....	66	0	Australia.....	10	70
United Kingdom.....	68	66	Ethiopia.....	49	32
Italy.....	939	523	Union of South Africa.....	39	0
Other Europe.....	107	0	Other countries.....	100	44
Total Europe.....	1,180	589	Total.....	3,348	2,265

See footnotes on page 564.



TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>					
Hides and skins, raw (ex. furs)—Continued			Sheep and lamb skins—Con.	1,000	1,000
India water-buffalo hides:	pounds	pounds	L. A. Republics—Continued	pounds	pounds
United Kingdom	70	69	Argentina	23,590	7,284
India <sup>2</sup>	91	63	Other L. A. Republics	2	12
Pakistan	258	145	Total L. A. Republics	29,012	10,593
Burma	309	195	British West Indies <sup>3</sup>	8	5
Siam (Thailand)	389	49	Europe—		
British Malaya	72	388	United Kingdom	863	1,595
Republic of Philippines	0	246	Netherlands	50	78
China	389	410	France	0	79
Other countries	38	0	Spain	58	84
Total	1,616	1,565	Other Europe	19	66
Other buffalo hides:			Total Europe	990	1,902
India <sup>2</sup>	1,282	267	Turkey	249	165
Pakistan	1,044	22	Iraq	67	0
Indonesia	73	17	Iran (Persia)	502	789
Republic of Philippines	305	938	Saudi Arabia	222	101
China	50	127	Arabia Peninsula States	27	16
Siam	178	362	India <sup>2</sup>	93	0
Other countries	22	16	Pakistan	231	0
Total	2,954	1,749	Australia	2,152	3,152
Horse, colt, and ass hides:			New Zealand	18,908	21,235
Canada	4,824	6,384	Anglo-Egyptian Sudan	288	122
Argentina	3,954	521	Nigeria	227	308
Europe—			Ethiopia	289	248
United Kingdom	435	481	British Somaliland	242	114
Ireland (Eire)	122	0	British East Africa	138	154
Belgium and Luxembourg	356	384	Union of South Africa	405	554
Other Europe	0	0	Other countries	45	47
Total Europe	913	865	Total	54,882	40,073
Australia	347	54	Goat and kid skins:		
New Zealand	59	0	Latin American Republics <sup>3</sup> —		
Other countries	61	5	Mexico	453	866
Total	10,158	7,829	Haiti	618	344
Hair sheep and cabretta skins:			Dominican Republic	167	222
Latin American Republics <sup>3</sup> —			Colombia	245	5
Brazil	2,864	1,240	Venezuela	1,095	893
Argentina	0	62	Peru	1,478	1,091
Other L. A. Republics	(?)	0	Chile	51	132
Total L. A. Republics	2,864	1,302	Brazil	5,157	3,191
British West Indies <sup>3</sup>	14	17	Argentina	3,801	1,198
Turkey	33	0	Other L. A. Republics	16	14
Iraq	4	20	Total L. A. Republics	13,081	7,956
Saudi Arabia	128	331	British West Indies <sup>3</sup>	218	608
Arabia Peninsula States	185	239	Curacao (N. W. I.)	29	25
Anglo-Egyptian Sudan	945	814	Europe—		
Nigeria	479	646	Netherlands	169	35
Ethiopia	262	381	Belgium and Luxembourg	22	0
British Somaliland	467	546	U.S.S.R.	184	53
British East Africa	168	235	Italy	47	56
Union of South Africa	2,219	1,083	Yugoslavia	548	9
Other countries	37	57	Bulgaria	100	132
Total	7,805	5,671	Other Europe	26	8
Sheep and lamb skins:			Total Europe	1,096	293
Canada	912	568	Turkey	290	47
Latin American Republics <sup>3</sup> —			Syria <sup>4</sup>	128	7
Chile	2,250	1,561	Lebanon	18	10
Brazil	420	54	Iraq	96	154
Uruguay	2,750	1,682	Iran (Persia)	2,092	485
			Saudi Arabia	119	57
			Arabia Peninsula States	645	864
			Aden	98	103
			India <sup>2</sup>	23,118	12,181

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>					
Hides and skins, raw (ex. furs)—Continued	1,000 pounds	1,000 pounds	Other hides and skins—Con.	1,000 pieces	1,000 pieces
Goat and kid skins—Continued			L. A. Republics—Continued		
Pakistan.....	4,399	6,657	Argentina.....	73	60
China.....	2,888	3,020	Other L. A. Republics.....	49	38
Australia.....	50	28	Total L. A. Republics.....	1,001	984
French Morocco.....	357	473	Italy.....	16	0
Tangier.....	210	80	Belgian Congo.....	10	14
Libya.....	441	19	British Somaliland.....	22	0
Anglo-Egyptian Sudan.....	150	121	Union of South Africa.....	7	17
Spanish Africa.....	66	0	Other countries.....	19	32
Nigeria.....	4,361	5,245	Total.....	1,129	1,119
Belgian Congo.....	385	255			
Eastern Italian Africa.....	1,038	951	Silk, raw, in skeins reeled from the cocoons:	1,000 pounds	1,000 pounds
Ethiopia.....	3,613	4,652	Switzerland.....	15	(2)
British Somaliland.....	1,165	756	Italy.....	696	419
British East Africa.....	1,306	3,582	China.....	227	399
Union of South Africa.....	1,731	1,542	Japan.....	2,558	5,042
Other countries.....	119	374	Other countries.....	1	7
Total.....	63,307	50,545	Total.....	3,497	5,867
Kangaroo or wallaby skins:			Wool, unmanufactured:		
Australia.....	953	1,136	Free in bond for manufacture in carpets, etc. (Complementary)...	298,140	230,894
Other countries.....	(2)	30	Other wool (Supplementary).....	426,752	258,494
Total.....	953	1,166	Total wool, unmanufactured.....	724,892	489,388
Deer and elk, buck, doe skins:			Wool, unmanufactured:		
Canada.....	335	243	Donskoi, Smyrna, etc.:		
Latin American Republics <sup>2</sup> —			Free in bond for manufacture in carpets, etc.:		
Guatemala.....	39	9	Canada.....	18	5
Honduras.....	110	102	Latin American Republics <sup>2</sup> —		
Nicaragua.....	84	98	Brazil.....	679	267
Colombia.....	8	(2)	Uruguay.....	317	14
Ecuador.....	27	26	Argentina.....	55,496	34,075
Peru.....	61	49	Other L. A. Republics.....	0	10
Brazil.....	678	510	Total L. A. Republics.....	56,492	34,366
Other L. A. Republics.....	17	3	Europe—		
Total L. A. Republics.....	1,024	797	Iceland.....	340	98
Europe—			Sweden.....	26	58
United Kingdom.....	40	13	United Kingdom.....	265	1,381
Yugoslavia.....	22	0	Ireland (Eire).....	514	482
Other Europe.....	13	(2)	Netherlands.....	(2)	292
Total Europe.....	75	13	France.....	239	398
Siam.....	174	102	U.S.S.R.....	3,045	678
China.....	314	255	Portugal.....	1,580	423
Australia.....	63	27	Malta, Gozo and Cyprus.....	259	380
New Zealand.....	228	189	Italy.....	2,158	1,692
French Pacific Islands.....	59	50	Other Europe.....	61	143
East Italian Africa.....	13	14	Total Europe.....	8,497	6,025
British Somaliland.....	54	0	Turkey.....	877	247
Other countries.....	25	2	Syria <sup>3</sup> .....	9,167	5,406
Total.....	2,364	1,692	Lebanon.....	2,963	4,333
	1,000 pieces	1,000 pieces	Iraq.....	9,789	9,227
Other hides and skins:			Iran (Persia).....	192	578
Canada.....	54	72	Palestine.....	74	186
Latin American Republics <sup>2</sup> —			Afghanistan.....	2,817	1,815
Mexico.....	12	41	India <sup>4</sup> .....	25,252	13,362
Colombia.....	58	53	Pakistan.....	8,279	11,302
Ecuador.....	22	24	China.....	11,399	15,487
Peru.....	87	70	New Zealand.....	5,971	5,931
Brazil.....	649	645	Egypt.....	1,049	1,067
Paraguay.....	17	22			
Uruguay.....	34	31			

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
ANIMAL PRODUCTS—Continued					
Wool, unmanufactured—Con.			Ordinarily dutiable—Continued	1,000 pounds	1,000 pounds
Donskoi, Smyrna, etc.—Con.			Argentina.....	30,908	11,605
Free in bond for manufacture in carpets, etc.—Continued			Other L. A. Republics.....	24	0
Union of South Africa.....	1,326	2,874	Total L. A. Republics.....	31,460	11,934
Other countries.....	225	363			
Total.....	144,387	112,574	Europe—		
Donskoi, Smyrna, etc.:			United Kingdom.....	76	140
Ordinarily dutiable:			Ireland (Eire).....	257	178
Latin American Republics <sup>2</sup> —			France.....	0	30
Argentina.....	434	263	Other Europe.....	21	7
Other L. A. Republics.....	0	6	Total Europe.....	354	355
Total L. A. Republics.....	434	269			
Europe—			India <sup>1</sup> .....	20	33
United Kingdom.....	39	1	Australia.....	105	354
Other Europe.....	14	0	New Zealand.....	349	328
Total Europe.....	53	1	Union of South Africa.....	32	83
Syria.....	0	37	Other countries.....	( <sup>2</sup> )	13
India <sup>1</sup> .....	129	89	Total.....	32,380	13,149
Pakistan.....	<sup>a</sup> 3	56			
China.....	13	110	Hair of the camel:		
Union of South Africa.....	6	86	Free in bond for manufacture in carpets, etc.:		
Other countries.....	11	23	U.S.S.R.....	45	0
Total.....	649	671	Syria.....	0	34
Other wools not finer than 40's:			Iraq.....	45	12
Free in bond for manufacture in carpets, etc.:			Iran (Persia).....	34	0
Canada.....	0	17	Afghanistan.....	35	2
Latin American Republics <sup>2</sup> —			China.....	46	5
Brazil.....	132	35	Other countries.....	0	17
Uruguay.....	662	473	Total.....	205	70
Argentina.....	141,608	99,137			
Other L. A. Republics.....	( <sup>2</sup> )	0	Hair of the camel:		
Total L. A. Republics.....	142,402	99,645	Ordinarily dutiable:		
Europe—			U.S.S.R.....	33	15
Sweden.....	56	15	China.....	42	389
United Kingdom.....	447	709	Other countries.....	0	11
Ireland (Eire).....	53	116	Total.....	75	415
Belgium and Luxembourg.....	15	9			
France.....	96	160	Woolen type, finer than 40's (clothing wool):		
Italy.....	281	1,303	Canada.....	32	206
Other Europe.....	13	65	Latin American Republics <sup>2</sup> —		
Total Europe.....	961	2,371	Peru.....	1,247	261
Syria.....	6	100	Chile.....	198	242
Iraq.....	20	21	Brazil.....	392	1,082
India <sup>1</sup> .....	238	26	Uruguay.....	3,245	2,908
Pakistan.....	<sup>a</sup> 50	144	Argentina.....	17,789	10,874
China.....	192	760	Other L. A. Republics.....	59	0
Australia.....	0	227	Total L. A. Republics.....	22,930	15,367
New Zealand.....	9,629	14,599			
Union of South Africa.....	43	85	Europe—		
Other countries.....	7	255	United Kingdom.....	46	17
Total.....	153,548	118,250	Ireland (Eire).....	100	129
Other wools not finer than 40's:			France.....	0	52
Ordinarily dutiable:			Italy.....	16	66
Canada.....	60	49	Other Europe.....	14	10
Latin American Republics <sup>2</sup> —			Total Europe.....	176	274
Brazil.....	11	37			
Uruguay.....	517	292	Australia.....	1,270	1,671
			New Zealand.....	4,593	2,999
			Union of South Africa.....	1,331	1,280
			Other countries.....	0	19
			Total.....	30,332	21,816

See footnotes on page 564.

TABLE 614.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>ANIMAL PRODUCTS—Continued</b>			<b>Cocoa and cacao beans—Con.</b>		
Wool, unmanufactured—Con.			L. A. Republics—Continued	1,000 pounds	1,000 pounds
Worsted type, finer than 40's (combing wool):			Haiti.....	3,933	3,281
Canada.....	1,813	2,245	Dominican Republic.....	55,635	40,609
Latin American Republics <sup>3</sup> —			Venezuela.....	28,846	20,514
Peru.....	244	100	Ecuador.....	24,817	29,672
Chile.....	5,037	5,530	Brazil.....	143,917	143,418
Brazil.....	4,635	7,243	Other L. A. Republics.....	9	68
Uruguay.....	100,921	50,147	Total L. A. Republics.....	279,798	249,254
Argentina.....	50,883	27,064	British West Indies <sup>2</sup> .....	12,069	9,689
Other L. A. Republics.....	102	0	Portugal.....	2,935	531
Total L. A. Republics.....	161,822	90,084	New Zealand.....	3,411	950
Europe—			Spanish Africa.....	6,660	0
United Kingdom.....	190	238	French West Africa.....	5,087	28,182
Ireland (Eire).....	83	117	Gold Coast.....	178,499	213,901
Netherlands.....	11	254	Nigeria.....	60,116	88,463
Belgium and Luxembourg.....	10	2,072	Angola.....	633	176
Italy.....	152	347	Portuguese Guinea <sup>2</sup> .....	7,893	731
Other Europe.....	36	300	Liberia.....	53	298
Total Europe.....	482	3,328	Madagascar.....	66	0
Australia.....	147,843	90,322	Union of South Africa.....	2,016	0
New Zealand.....	16,802	9,974	Other countries.....	3,322	680
Union of South Africa.....	30,693	21,737	Total.....	562,558	592,855
Other countries.....	13	1	<b>Coffee:</b>		
Total.....	359,468	217,691	Latin American Republics <sup>3</sup> —		
Hair of the Angora (mohair), Alpaca, etc.:			Mexico.....	78,596	87,121
Latin American Republics <sup>3</sup> —			Guatemala.....	102,193	101,610
Mexico.....	9	68	El Salvador.....	120,436	136,335
Peru.....	1,747	2,271	Honduras.....	5,839	7,616
Argentina.....	82	39	Nicaragua.....	30,391	13,468
Other L. A. Republics.....	3	1	Costa Rica.....	47,596	30,834
Total L. A. Republics.....	1,841	2,379	Haiti.....	14,892	16,477
Europe—			Dominican Republic.....	22,148	25,867
United Kingdom.....	17	54	Colombia.....	639,410	676,276
Belgium and Luxembourg.....	16	53	Venezuela.....	71,393	61,541
France.....	8	56	Ecuador.....	16,795	14,910
U.S.S.R.....	389	420	Peru.....	1,604	2,824
Italy.....	34	56	Brazil.....	1472,393	1,556,154
Other Europe.....	5	1	Argentina.....	450	150
Total Europe.....	469	640	Other L. A. Republics.....	287	2,316
Turkey.....	103	11	Total L. A. Republics.....	2,624,423	2,733,499
Iran (Persia).....	163	12	Arabia Peninsula States.....	4,246	2,720
China.....	811	1,384	Saudi Arabia.....	225	60
Japan.....	3	24	British Malaya.....	32	112
Australia.....	311	254	Indonesia.....	89	179
Union of South Africa.....	120	43	Angola.....	12,819	22,347
Other countries.....	27	5	Portuguese Guinea <sup>2</sup> .....	15,016	33
Total.....	3,848	4,752	Belgian Congo.....	17,785	15,517
<b>VEGETABLE PRODUCTS</b>			Ethiopia.....	4,915	6,427
Cocoa or cacao beans:			British East Africa.....	2,453	1,925
Latin American Republics <sup>3</sup> —			Other countries.....	175	966
Mexico.....	9,988	0	Total.....	2,682,178	2,783,784
Guatemala.....	367	370	<b>Fibers:</b>		
Nicaragua.....	446	241	Cotton raw: (480 lb.)		
Costa Rica.....	4,382	5,089	Latin American Republics <sup>3</sup> —	Bales	Bales
Panama Republic.....	5,879	4,860	Mexico.....	75,099	15,748
Canal Zone.....	142	207	Peru.....	24,027	5,303
Cuba.....	1,437	925	Brazil.....	798	291
			Other L. A. Republics.....	125	0
			Total L. A. Republics.....	100,049	21,342
			U.S.S.R.....	2,279	0
			India <sup>1</sup> .....	88,106	34,242
			Pakistan.....	14,414	14,741

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
<b>Fibers—Continued</b>					
Cotton raw (480 lb.)—Continued	<i>Bales</i>	<i>Bales</i>	Kapok—Continued	<i>2,240-lb. tons</i>	<i>2,240-lb. tons</i>
Egypt.....	85,731	98,640	Indonesia.....	583	1,143
Anglo-Egyptian Sudan.....	10,689	3,711	Republic of Philippines.....	120	147
Other countries.....	0	806	China.....	19	51
Total.....	301,268	173,482	Other countries.....	144	71
Cotton linters: (480 lb.)			Total.....	1,375	2,182
Latin American Republics <sup>1</sup> —			Manila or abaca:		
Mexico.....	32,502	55,950	Latin American Republics <sup>2</sup> —		
Guatemala.....	154	0	Guatemala.....	4,824	3,736
El Salvador.....	871	361	Honduras.....	4,003	3,067
Peru.....	593	943	Costa Rica.....	5,322	5,059
Brazil.....	20,636	23,678	Panama Republic.....	3,560	1,656
Other L. A. Republics.....	2,717	1,689	Canal Zone.....	18	111
Total L. A. Republics.....	57,473	82,621	Other L. A. Republics.....	292	48
U.S.S.R.....	62,702	27,215	Total L. A. Republics.....	18,019	13,677
Other countries.....	1,110	200	British Malaya.....	51	0
Total.....	121,285	110,036	Indonesia.....	130	249
	<i>2,240-lb. tons</i>	<i>2,240-lb. tons</i>	Republic of Philippines.....	64,122	26,832
Crin vegetal:			Other countries.....	99	46
Argentina.....	34	25	Total.....	82,421	40,804
French Morocco.....	1,264	1,413	New Zealand fiber.....	0	0
Tangier.....	364	0	Sisal and henequen:		
Other countries.....	93	(10)	Canada.....	45	29
Total.....	1,755	1,438	Latin American Republics <sup>3</sup> —		
Flax, unmanufactured:			Mexico.....	65,232	33,714
Canada.....	705	631	Cuba.....	6,395	9,198
Europe—			Haiti.....	22,498	27,711
United Kingdom.....	17	56	Venezuela.....	131	6
Netherlands.....	68	60	Brazil.....	7,812	9,988
Belgium and Luxembourg.....	1,145	1,438	Other L. A. Republics.....	264	730
U.S.S.R.....	415	47	Total L. A. Republics.....	102,332	81,347
Other Europe.....	0	0	United Kingdom.....	20	15
Total Europe.....	1,645	1,601	British Malaya.....	187	0
Other countries.....	51	123	Indonesia.....	511	523
Total.....	2,401	2,355	Republic of Philippines.....	84	0
Hemp, unmanufactured:			Angola.....	6,808	966
Chile.....	15	52	Portuguese Guinea <sup>4</sup> .....	2,988	82
Republic of Philippines.....	87	62	Belgian Congo.....	194	0
Other countries.....	(10)	22	British East Africa.....	14,612	28,679
Total.....	102	136	Mozambique.....	4,406	8,038
Istle or Tampico:			Union of South Africa.....	438	198
Mexico.....	12,226	11,490	Other countries.....	300	95
Other countries.....	0	0	Total.....	126,925	119,972
Total.....	12,226	11,490	Other vegetables fibers: <sup>11</sup>		
Jute and jute butts, unmanufactured:			Mexico.....	1,143	375
Belgium and Luxembourg.....	30	29	Brazil.....	252	1,201
India.....	60,017	23,946	Other L. A. Republics.....	10	28
Pakistan.....	13,690	53,577	Switzerland.....	21	50
Other countries.....	70	289	Italy.....	25	42
Total.....	73,807	77,841	Other Europe.....	6	162
Kapok:			India.....	841	711
Ecuador.....	402	449	Ceylon.....	1,870	802
Siam.....	107	321	Republic of Philippines.....	1,785	739
			Angola.....	6,300	9
			Portuguese Guinea <sup>4</sup> .....	78	0
			Liberia.....	244	527
			Belgian Congo.....	156	1,844
			Madagascar.....	256	288
			Other countries.....	937	1,109
			Total.....	7,654	7,887

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
<b>Fruits:</b>					
Apples, green or ripe:	1,000 bushels	1,000 bushels	Figs:	1,000 pounds	1,000 pounds
Canada.....	1,254	1,875	Italy.....	291	431
Chile.....	1	29	Greece.....	998	1,593
New Zealand.....	0	28	Turkey.....	1,781	768
Other countries.....	(?)	20	Other countries.....	6	8
Total.....	1,255	1,952	Total.....	3,076	2,800
Avocados:	1,000 pounds	1,000 pounds	Grapes, hothouse:	1,000 cu. ft.	1,000 cu. ft.
Cuba and total.....	5,985	7,525	Chile.....	0	6
Bananas:	1,000 bunches	1,000 bunches	Union of South Africa.....	2	0
Latin American Republics <sup>2</sup> —			Other countries.....	1	(?)
Mexico.....	6,838	6,069	Total.....	3	6
Guatemala.....	11,538	8,536	Grapes, other:		
Honduras.....	13,660	12,593	Canada.....	153	226
Nicaragua.....	540	684	Chile.....	165	85
Costa Rica.....	7,005	8,215	Argentina.....	48	62
Panama Republic.....	3,476	6,136	Union of South Africa.....	29	68
Canal Zone.....	1,094	1,010	Other countries.....	1	10
Cuba.....	3,909	2,187	Total.....	396	451
Haiti.....	5,069	2,229	Lemons:	1,000 pounds	1,000 pounds
Dominican Republic.....	722	1,471	Chile.....	193	142
Colombia.....	3,049	4,530	Spain.....	1	466
Ecuador.....	2,018	3,807	Italy.....	2,802	11,189
Other L. A. Republics.....	8	48	Other countries.....	6	6
Total L. A. Republics.....	58,926	57,515	Total.....	3,002	11,803
British Honduras.....	162	211	Limes:		
British West Indies <sup>3</sup> .....	61	41	Mexico.....	5,278	5,809
Other countries.....	24	0	British West Indies <sup>3</sup> .....	8	35
Total.....	59,173	57,767	Other countries.....	(?)	24
Cherries, natural, sulphured, or in brine:	1,000 pounds	1,000 pounds	Total.....	5,286	5,868
Canada.....	139	92	Olives in brine:	1,000 gallons	1,000 gallons
Chile.....	95	84	Chile.....	22	15
Italy.....	10,180	3,806	Europe—		
Yugoslavia.....	78	22	Spain.....	7,536	9,604
Other countries.....	3	90	Portugal.....	1	11
Total.....	10,495	4,094	Italy.....	289	79
Cherries, dried or prepared:			Greece.....	608	459
Chile.....	0	4	Other Europe.....	4	3
France.....	0	2	Total Europe.....	8,438	10,156
Italy.....	2	1	Algeria.....	4	11
Other countries.....	1	3	Other countries.....	5	16
Total.....	3	10	Total.....	8,469	10,198
Currants:			Pears, green, ripe, in brine:	1,000 pounds	1,000 pounds
Netherlands.....	23	0	Canada.....	7	109
Other countries.....	2	1	Chile.....	22	95
Total.....	25	1	Brazil.....	0	145
Dates:			Argentina.....	1,239	13,888
Syria.....	18	0	Australia.....	852	1,157
Iraq.....	19,159	26,367	Union of South Africa.....	44	80
Iran (Persia).....	481	8,239	Other countries.....	5	1
China.....	35	45	Total.....	2,169	15,475
Hong Kong.....	5	5			
Other countries.....	2	12			
Total.....	19,700	34,668			

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
<b>Fruits—Continued</b>	<i>1,000 crates</i>	<i>1,000 crates</i>	Rice, uncleaned and paddy:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Pineapples, fresh: (2.45 cu. ft.)			China and total.....	( <sup>2</sup> )	<sup>u</sup>
Cuba.....	634	616	Rice, flour, meal, polish, and bran:		
Other countries.....	5	6	Mexico.....	4,531	861
Total.....	639	622	Argentina.....	0	65
	<i>Thou-</i>	<i>Thou-</i>	China.....	24	4
Pineapples, fresh:	<i>sands</i>	<i>sands</i>	Other countries.....	17	( <sup>2</sup> )
Mexico.....	14,278	15,655	Total.....	4,572	930
Cuba.....	1,409	2,518	Rice, broken:		
Other countries.....	1	64	Canada.....	1,410	3,200
Total.....	15,688	18,237	Other countries.....	99	0
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Total.....	1,509	3,200
Pineapples, prepared or preserved:				<i>1,000 bushels</i>	<i>1,000 bushels</i>
Latin American Republics <sup>2</sup> —			Rye, grain: (56 lb.)	41	6,794
Mexico.....	10,338	6,176	Canada and total.....		
Cuba.....	63,950	46,846			
Other L. A. Republics.....	12	0	Wheat, grain: (60 lb.)		
Total L. A. Republics.....	74,300	53,022	For domestic use—		
Republic of Philippines.....	1,333	24,616	Unfit for human consumption:		
Indonesia.....	0	2,163	Canada.....	118	10
China.....	1	908	Other countries.....	0	1
Taiwan (Formosa).....	0	3,298	Other wheat grain:		
Other countries.....	( <sup>2</sup> )	37	Canada.....	7	1,317
Total.....	75,634	84,044	Other countries.....	0	( <sup>2</sup> )
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	For milling in bond and export—		
Grains and grain products:			To Cuba:		
Barley grain: (48 lb.)			Canada and total.....	0	850
Canada.....	973	10,366	To other countries:		
Mexico.....	12	9	Canada and total.....	18	2,219
Other countries.....	0	( <sup>2</sup> )	Total.....	143	4,397
Total.....	985	10,375		<i>Bags</i>	<i>Bags</i>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Wheat flour: (100 lb.)	1,956	74,400
Barley malt:			Canada.....	432	109
Canada.....	6,877	57,249	Argentina.....	112	0
United Kingdom.....	( <sup>2</sup> )	90	United Kingdom.....	174	36
Other countries.....	0	56	China.....	6	16
Total.....	6,877	57,395	Other countries.....		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Total.....	2,680	74,561
Corn grain: (56 lb.)				<i>Tons</i>	<i>Tons</i>
Canada.....	78	54	Feeds: (2,000 lb.)		
Dominican Republic.....	651	551	Bran shorts, etc., of wheat:		
Other countries.....	6	32	Canada.....	26,918	64,166
Total.....	735	637	Mexico.....	20,989	10,748
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Argentina.....	1,435	65,232
Oats, grain: (32 lb.)			Other countries.....	206	0
Canada.....	1,270	19,261	Total.....	49,528	140,146
Mexico.....	389	0		<i>Oil cake and oil-cake meal:</i>	
Other countries.....	0	1	Coconut or copra:		
Total.....	1,659	19,262	Canada.....	279	1,403
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Mexico.....	515	0
Rice, cleaned, ex. patua:			Honduras.....	0	207
Iran.....	5	( <sup>2</sup> )	Haiti.....	95	0
Japan.....	0	400	Republic of Philippines.....	1,337	37,206
Other countries.....	1	2	Other countries.....	0	76
Total.....	6	402	Total.....	2,226	38,892
	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>0</i>	<i>418</i>
Rice, patna.....	0	0	Soybean:		
			Canada.....	0	87
			China.....	0	0
			Other countries.....		
			Total.....	0	505

See footnotes on page 564.

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TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Nuts:					
Almonds, shelled:	1,000	1,000	Peanuts, shelled:	1,000	1,000
Europe—	pounds	pounds	China	8	4
Spain	3,643	551	Other countries	(2)	0
Portugal	199	439	Total	8	4
Italy	7,858	9,218			
Greece	(2)	66	Peanuts, not shelled:		
Other Europe	18	0	China	6	2
Total Europe	11,718	10,274	Other countries	2	(2)
Iran (Persia)	40	13	Total	8	2
India	22	10			
French Morocco	51	3	Pistache nuts, shelled:		
Other countries	9	4	Italy	18	42
Total	11,840	10,304	Turkey	38	36
			Iran	41	10
Almonds, not shelled:			Afghanistan	39	125
Italy	17	5	Pakistan	6 12	13
Other countries	2	1	Other countries	20	1
Total	19	6	Total	168	227
Brazil nuts, shelled:					
Brazil	6,160	5,721	Pistache nuts, not shelled:		
Other countries	0	21	Italy	920	258
Total	6,160	5,742	Turkey	3,102	742
Brazil nuts, not shelled:			Syria	348	0
Brazil	26,966	25,764	Lebanon	6 88	110
Other countries	0	0	Iran	914	2,982
Total	26,966	25,764	Afghanistan	591	235
			India	14	70
Cashew nuts:			Pakistan	6 222	45
Haiti	27	25	Other countries	(2)	6
Brazil	725	162	Total	6,199	4,448
India	26,945	37,294			
Ceylon	30	0	Walnuts, shelled:		
Portuguese Asia	706	701	France	11	41
Other countries	55	56	Italy	207	948
Total	28,488	38,238	Turkey	324	1,082
			Iran (Persia)	15	443
Chestnuts, including marrons, crude, dried, or baked:			China	39	1
Europe—			Lebanon	0	23
Spain	213	220	Other countries	2	28
Portugal	36	0	Total	598	2,566
Italy	17,783	17,411			
Other Europe	22	0	Walnuts, not shelled:		
Total Europe	18,054	17,631	Italy	6	67
China	40	30	Other countries	1	1
Other countries	8	(2)	Total	7	68
Total	18,102	17,661			
			Oilseeds:		
Filberts, shelled:			Babassu nuts:		
Italy	35	130	Brazil and total	0	46
Turkey	4,146	7,583			
Other countries	21	59	Babassu kernels:		
Total	4,202	7,772	Brazil	31,826	61,124
Filberts, not shelled:			Other countries	0	0
Italy and total	14	27	Total	31,826	61,124
			Castor beans:		
			Latin American Republics <sup>1</sup> —		
			El Salvador	331	227
			Haiti	7,016	5,216
			Ecuador	5,317	2,508
			Brazil	275,146	274,364
			Other L. A. Republics	10	29
			Total L. A. Republics	287,820	282,344

See footnotes on page 564.



TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>					
Oilseeds—Continued	1,000	1,000	Linseed oil:	1,000	1,000
Castor beans—Continued	pounds	pounds	Canada.....	pounds	pounds
Siam.....	2,216	1,683	Latin American Republics <sup>1</sup> —	2,913	81
Other countries.....	( <sup>2</sup> )	1,122	Mexico.....	82	1,589
Total.....	290,036	285,149	Argentina.....	10,754	533
			Other L. A. Republics.....	0	0
Copra, not prepared:			Total L. A. Republics.....	10,836	2,122
Indonesia.....	3,465	38,828	India.....	34	38
Republic of Philippines.....	1131,259	650,869	Other countries.....	13	1
Western Pacific Islands.....	7,330	5,088	Total.....	13,796	2,242
Other countries.....	0	0			
Total.....	1,142,054	694,785	Oiticica oil:		
			Brazil.....	10,119	14,485
Flaxseed:	1,000	1,000	Other countries.....	0	0
Canada.....	bushels	bushels	Total.....	10,119	14,485
Mexico.....	486	183			
Other countries.....	216	435	Olive oil, edible:		
Total.....	721	618	Europe—		
			France.....	12	225
Rapeseed:	1,000	1,000	Spain.....	6,961	4,999
Canada.....	pounds	pounds	Portugal.....	10	429
Mexico.....	129	149	Italy.....	10,503	12,716
Argentina.....	267	10	Greece.....	890	1,050
Other countries.....	0	34	Other Europe.....	0	( <sup>2</sup> )
Total.....	400	193	Total Europe.....	18,376	19,419
			Syria <sup>4</sup> .....	206	3
Sesame seed:			Lebanon.....	61	245
Latin American Republics <sup>1</sup> —			French Morocco.....	6,054	6,452
El Salvador.....	3,944	2,378	Algeria.....	0	751
Nicaragua.....	13,503	3,462	Other countries.....	94	417
Dominican Republic.....	105	101	Total.....	24,731	27,287
Brazil.....	0	256			
Other L. A. Republics.....	790	81	Olive oil, inedible:		
Total L. A. Republics.....	18,342	6,278	Spain.....	0	62
Turkey.....	0	562	Italy.....	2,734	2,419
Iran.....	141	563	Greece.....	4,567	105
Siam (Thailand).....	123	56	Syria <sup>4</sup> .....	50	( <sup>2</sup> )
China.....	1,043	3,098	Lebanon.....	13	34
Hong Kong.....	112	118	French Morocco.....	30	114
Mozambique.....	992	0	Other countries.....	4	50
Other countries.....	37	0	Total.....	7,398	2,784
Total.....	20,790	10,675			
			Palm oil:		
Oil:			Indonesia.....	0	8,481
Carnauba wax:			Nigeria.....	7,600	0
Brazil.....	12,825	17,573	Liberia.....	455	116
Other countries.....	5	5	Belgian Congo.....	56,392	62,005
Total.....	12,830	17,578	Other countries.....	( <sup>2</sup> )	11
			Total.....	64,447	70,613
Coconut oil:					
Canada.....	( <sup>2</sup> )	1,337	Peanut oil:		
Honduras.....	0	338	Canada.....	59	( <sup>2</sup> )
Netherlands.....	0	684	China.....	15	2
Ceylon.....	0	12,571	Other countries.....	0	1
British Malaya.....	0	1,156	Total.....	74	3
Republic of Philippines.....	54,319	88,834	Perilla oil.....	0	0
Mozambique.....	0	1,373			
Other countries.....	37	533	Rapeseed (colza) oil:		
Total.....	54,356	106,826	Canada.....	2,913	207
			France.....	1,094	0

See footnotes on page 564.

**TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948 <sup>1</sup>—Continued**

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Tobacco leaf, unmanufactured:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Oils—Continued			Leaf for cigar wrappers:		
Rapeseed (colza) oil—Continued	<i>pounds</i>	<i>pounds</i>	Cuba	240	272
China	1,322	464	British Malaya	74	12
Hong Kong	1,698	0	Indonesia	815	554
Japan	448	0	Other countries	( <sup>2</sup> )	0
Other countries	0	65	<b>Total</b>	<b>1,129</b>	<b>838</b>
<b>Total</b>	<b>7,475</b>	<b>736</b>	<b>Cigar leaf filler (stemmed and unstemmed):</b>		
<b>Soybean oil:</b>			Cuba	9,205	15,075
Canada	246	421	Republic of Philippines	227	0
Other countries	3	0	Other countries	6	15
<b>Total</b>	<b>249</b>	<b>421</b>	<b>Total</b>	<b>9,438</b>	<b>15,090</b>
<b>Tung oil:</b>			<b>Cigarette leaf:</b>		
Brazil	110	1,365	Europe—		
China	104,816	96,000	U.S.S.R.	1,753	2,021
Hong Kong	1,621	2,589	Yugoslavia	528	506
Other countries	68	0	Greece	7,224	9,523
<b>Total</b>	<b>106,615</b>	<b>99,954</b>	Bulgaria	2,622	1,780
<b>Pepper, unground:</b>			Other Europe	1	8
Canada	63	71	<b>Total Europe</b>	<b>12,108</b>	<b>13,838</b>
Netherlands	322	124	Turkey	44,177	45,633
Italy	43	88	Syria <sup>6</sup>	3,600	4,544
India	24,368	14,968	Iraq	158	0
Siam	101	650	Southern Rhodesia	1,125	1,440
French Indochina	33	416	Other countries	105	252
British Malaya	3,403	573	<b>Total</b>	<b>61,273</b>	<b>65,707</b>
Indonesia	6,744	6,253	<b>Vegetables and preparations:</b>		
China	42	99	Beans, dry, ripe:		
Hong Kong	175	0	Canada	842	20,659
French Morocco	4	78	Latin American Republics <sup>3</sup> —		
Other countries	445	294	Mexico	386	361
<b>Total</b>	<b>35,743</b>	<b>23,614</b>	Dominican Republic	1,108	135
<b>Sugar, raw, cane: (2,000 lb.)</b>	<i>1,000 tons</i>	<i>1,000 tons</i>	Peru	272	419
Latin American Republics <sup>3</sup> —			Chile	27,697	5,471
Mexico	( <sup>2</sup> )	11	Argentina	436	759
Cuba	3,432	3,252	Other L. A. Republics	( <sup>2</sup> )	90
Dominican Republic	8	11	<b>Total L. A. Republics</b>	<b>29,899</b>	<b>7,235</b>
Peru	66	34	Italy	( <sup>2</sup> )	1,808
Other L. A. Republics	9	5	China	19	21
<b>Total L. A. Republics</b>	<b>3,515</b>	<b>3,313</b>	Madagascar	0	522
Republic of Philippines	121	467	Other countries	66	362
Other countries	( <sup>2</sup> )	1	<b>Total</b>	<b>30,826</b>	<b>12 30,607</b>
<b>Total</b>	<b>3,636</b>	<b>3,781</b>	<b>Eggplant, fresh:</b>		
<b>Tea:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Mexico	298	120
Canada	132	58	Cuba	1,620	2,910
Brazil	33	11	Other countries	2	1
United Kingdom	20	14	<b>Total</b>	<b>1,920</b>	<b>3,031</b>
India <sup>7</sup>	31,455	23,825	<b>Onions:</b>		
Ceylon	33,122	40,028	Canada	5,353	1,262
Indonesia	904	9,605	Mexico	8,256	9,283
China	3,423	3,409	Chile	15,944	5,751
Hong Kong	177	128	Netherlands	30	72
Taiwan (Formosa)	2,098	2,429	Italy	511	2,820
Japan	3,689	4,187	Australia	11,062	15
British East Africa	2,172	2,036	New Zealand	1,193	0
Mozambique	1,200	3,031	Egypt	6,403	24
Other countries	24	416	Other countries	30	64
<b>Total</b>	<b>78,449</b>	<b>89,175</b>	<b>Total</b>	<b>48,782</b>	<b>19,291</b>

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
<b>VEGETABLE PRODUCTS—Continued</b>			<b>Tapioca, tapioca flour, and cassava:</b>		
Vegetables and preparations—Con.			Latin American Republics <sup>3</sup> —	1,000 pounds	1,000 pounds
Peas, green or unripe, (except cowpeas and chickpeas):			Cuba.....	353	319
Canada.....	18	20	Dominican Republic.....	4,406	3,012
Mexico.....	3,020	2,952	Brazil.....	107,398	53,763
Other countries.....	1	6	Other L. A. Republics.....	67	13
Total.....	3,039	2,978	Total L. A. Republics.....	112,224	57,107
Peas, dry, ripe:			Siam.....	1,104	735
Canada.....	27	1,413	British Malaya.....	236	6
Bahamas.....	42	0	Indonesia.....	276	399
Dominican Republic.....	618	562	China.....	303	308
Sweden.....	0	45	Madagascar.....	221	0
Turkey.....	461	0	Other countries.....	38	29
New Zealand.....	290	301	Total.....	114,402	58,584
Other countries.....	12	47			
Total.....	1,450	2,368	<b>Rubber and allied gums:</b>		
Peppers, green:			Guayule:		
Canada.....	5	43	Mexico and total.....	953	224
Mexico.....	18,944	6,206			
Cuba.....	907	436	<b>Other rubber, crude:<sup>13</sup></b>		
Other countries.....	2	5	Latin American Republics <sup>3</sup> —		
Total.....	19,858	6,690	Nicaragua.....	292	0
Potatoes, white or Irish:			Panama Republic.....	56	0
Certified seed:			Peru.....	1,090	(?)
Canada and total.....	150,202	421,892	Bolivia.....	139	0
Other potatoes:			Brazil.....	6,956	114
Canada.....	57,486	129,921	Other L. A. Republics.....	3	0
Other countries.....	10	741	Total L. A. Republics.....	8,536	114
Total.....	207,698	552,554	British West Indies <sup>2</sup> .....	62	0
Tomatoes, fresh:			British Guiana.....	40	0
Canada.....	1,676	2,756	India.....	78	0
Mexico.....	233,665	169,282	Ceylon.....	130,469	112,964
Cuba.....	26,677	30,667	Burma.....	689	448
British West Indies <sup>2</sup> .....	1,493	1,691	Siam (Thailand).....	100,341	210,424
Other countries.....	15	28	French Indochina.....	10,577	10,608
Total.....	263,526	204,424	British Malaya.....	1097,121	849,885
Tomatoes, canned:			Indonesia.....	107,664	360,369
Canada.....	3	126	Republic of Philippines.....	2,677	2,609
Mexico.....	16	28	Cameroon.....	33	0
Italy.....	28,881	34,483	Nigeria.....	201	1,516
Other countries.....	63	1	Liberia.....	46,165	56,948
Total.....	28,963	34,638	Belgian Congo.....	5,490	2,434
Farinaceous substances:			Union of South Africa.....	(?)	336
Arrowroot, crude, or manufac-			Other countries.....	318	736
tured, starch and flour:			Total.....	1,510,461	1,609,391
Brazil.....	540	911	<b>Gutta balata:</b>		
British West Indies <sup>2</sup> .....	5,280	3,974	Latin American Republics <sup>3</sup> —		
Other countries.....	8	8	Panama Republic.....	56	31
Total.....	5,828	4,893	Colombia.....	320	118
Sago, crude, and sago flour:			Venezuela.....	493	232
British Malaya.....	1,104	2,576	Peru.....	33	20
Indonesia.....	2,889	993	Brazil.....	2,535	1,612
China.....	120	4	Other L. A. Republics.....	2	13
Other countries.....	20	0	Total L. A. Republics.....	3,439	2,026
Total.....	4,133	3,573	Surinam.....	334	194
			Other countries.....	22	27
			Total.....	3,795	2,247

See footnotes on page 564.

TABLE 615.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, years beginning July 1, 1947 and 1948<sup>1</sup>—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1947	1948		1947	1948
VEGETABLE PRODUCTS—Continued					
Rubber and allied gums—Con.					
Jelutong or pontianak:	1,000 pounds	1,000 pounds	Gutta percha and other guttas:	1,000 pounds	1,000 pounds
Brazil.....	23	0	British Malaya.....	741	121
British Malaya.....	9,798	2,441	Indonesia.....	253	231
Indonesia.....	278	97	Nigeria.....	38	72
Other countries.....	0	(2)	Other countries.....	(2)	0
Total.....	10,099	2,538	Total.....	1,032	424

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500.<sup>3</sup> The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.<sup>4</sup> April 21–June 30.<sup>5</sup> Prior to January 1948 includes Lebanon.<sup>6</sup> January–June.<sup>7</sup> Prior to January 1948 includes Pakistan.<sup>8</sup> Prior to January 1948 includes Angola.<sup>9</sup> British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, and the Windward and Leeward Islands.<sup>10</sup> Less than one-half.<sup>11</sup> Other vegetable fibers include coir fiber, maguey or cantala, palmyra, piassava, palm leaf fibers, pulu, ramie or China grass, sunn, fiber, n.s.p.f.<sup>12</sup> March 16–June 30, 1949, includes 4,000 pounds red kidney beans, not separately classified prior to that date.<sup>13</sup> Includes milk of, or latex.

Office of Foreign Agricultural Relations. Compiled from official records, Bureau of the Census and of the United States Tariff Commission.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm people, and the financial aspects of farming. Many of the series are estimates developed in research activities. Other series are primarily records of operations, such as certain data from agricultural credit agencies.

The tables in this chapter have been arranged by groups as follows:

Farm property, beginning with table 616.

Population and employment, beginning with table 632.

Farm production and distribution, beginning with table 644.

Prices and income, beginning with table 673.

Costs and expenses, beginning with table 689.

Credit and loan programs, beginning with table 715.

Tables new this year include tenure of farm operators and ownership of land in farms; a table showing the balance sheet of agriculture, and another giving a long-time series on farm employment. Data are given on methods of corn planting, silage harvesting, and the form in which hay is sold or fed. Additional new tables show the nutritive value of urban diets, and the food consumption (by seasons) in 4 large cities; also the deliveries to export programs classified by commodities and by claimants. The marketing bill for farm food products is given in a new table, and information on pesticides in still another table. Loans of banks for cooperatives are classified in detail, and the financial status of R.E.A. borrowers is published for the first time. Electrical equipment used and electrical energy consumed in eastern Iowa are the subjects of other new tables, and the price support extended by C.C.C. is portrayed in a final additional table in this chapter.

TABLE 616.—*Farms: Number, acreage, cropland harvested, and value, United States, census years 1850-1945*

Year	Farms	Land in farms	Farm land as percent of total land area	Cropland harvested, preceding year <sup>1</sup>	Value of farm land and buildings
	<i>Number</i>	<i>1,000 acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Million dollars</i>
1850.....	1,449,073	293,561	15.6	-----	3,272
1860.....	2,044,077	407,213	21.4	-----	6,645
1870.....	2,659,985	407,735	21.4	-----	7,444
1880.....	4,008,907	536,082	28.2	166,187	10,197
1890.....	4,564,641	623,219	32.7	219,706	13,279
1900.....	5,737,372	838,592	44.1	283,218	16,615
1910.....	6,361,502	878,798	46.2	311,293	34,801
1920.....	6,448,343	955,884	50.2	348,604	66,316
1925.....	6,371,640	924,319	48.6	344,549	49,468
1930.....	6,288,648	986,771	51.8	359,242	47,880
1935.....	6,812,350	1,054,515	55.4	295,624	32,859
1940.....	6,096,799	1,060,852	55.7	321,242	33,642
1945.....	5,859,169	1,141,615	59.9	352,866	46,389

<sup>1</sup> Prior to 1924, this column shows the total acreage of crops for which figures are available, except for 1919, when 14,502,932 acres of corn cut for forage were excluded (most of this was probably duplicated in the acreage of corn harvested as grain). Beginning with 1924, the figures represent the total cropland harvested.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 617.—*Land utilization in the United States, census years 1880-1945*<sup>1</sup>

Major land uses <sup>2</sup>	1880	1890	1900	1910	1920	1925	1930	1935	1940	1945
	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>
LAND IN FARMS										
Total land in farms.....	536	623	839	870	956	924	987	1,055	1,061	1,142
Cropland <sup>3</sup> .....	188	248	319	347	402	391	413	416	399	403
Cropland harvested.....			295	322	362	345	359	296	321	353
Crop failure, cropland idle or fallow.....			24	25	40	47	54	120	78	50
Pasture in farms.....	122	144	276	284	328	331	379	410	461	529
Plowable pasture.....			90	95	105	114	109	99	111	109
Not plowable.....			186	189	223	217	270	311	350	420
Forest and woodland in farms.....	190	190	191	191	168	144	150	185	157	166
Pastured forest and woodland.....			87	98	77	77	85	108	100	95
Not pastured.....			104	93	91	67	65	77	57	71
Farmsteads, roads, wastelands, and other land in farms.....	36	41	53	57	58	38	45	44	44	44
LAND NOT IN FARMS										
Total land not in farms.....	1,369	1,282	1,066	1,026	949	981	918	850	844	763
Pasture and grazing land <sup>4</sup> .....	883	818	625	600	502	495	437	411	382	292
Forest land used chiefly for producing commercial timber <sup>5</sup> .....	368	344	318	301	319	354	349	306	325	322
Other land outside farms (cities, roads, railroads, unused waste-land, etc.) <sup>6</sup> .....	118	120	123	125	128	132	132	133	137	149
Grand total land area <sup>7</sup> .....	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905

<sup>1</sup> Compiled from census reports, publications and records of B.A.E., and public land administering and conservation agencies.

<sup>2</sup> Total farm land and total nonfarm land acreages are for the calendar year indicated. Cropland and pasture land acreage usually relate to the preceding year.

<sup>3</sup> Land used chiefly for crops, including cropland harvested, crop failure, fallow and idle cropland. To find land available for crops, add plowable pasture to cropland.

<sup>4</sup> Pasture and grazing land not in farms consists of land used chiefly for pasture and includes open or non-forested pastures, and idle grassland in first decades, and arid woodland (pinon-juniper, chaparral), and shrub and brush pasture in all years.

<sup>5</sup> Forest land outside of farms used chiefly for commercial timber excludes forested areas included in parks, wildlife refuges, military areas, and recreation sites, and arid woodland and brushland used chiefly for pasture.

<sup>6</sup> Other land outside farms includes urban, industrial, and residential areas outside farms, parks, wildlife refuges, military lands, roads, railroads, ungrazed desert, rock swamp, and other unused and waste land.

<sup>7</sup> Complete remeasurement of the land area of the United States in connection with the 1940 Census indicated an approximate total land area of 1,905 million acres. Total areas for earlier census years, originally reported as 1,903 million acres, have been revised here.

Bureau of Agricultural Economics.

TABLE 618.—*Farm real estate: Value of farm land and buildings, by geographic division, 1929-50*<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Pacific	United States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1929.....	934	2,838	9,599	15,339	3,882	2,608	5,578	2,373	4,728	47,880
1930 <sup>2</sup> .....	941	2,818	9,337	15,159	3,852	2,685	5,806	2,458	4,824	47,880
1931.....	960	2,654	8,453	13,546	3,504	2,466	5,233	2,444	4,732	43,993
1932.....	918	2,497	7,149	11,370	2,958	2,057	4,280	2,029	3,978	37,236
1933.....	862	2,148	6,054	8,943	2,470	1,691	3,618	1,698	3,241	30,724
1934.....	878	2,124	6,361	9,298	2,650	1,787	3,886	1,728	3,221	31,933
1935 <sup>2</sup> .....	901	2,141	6,597	9,385	2,792	1,915	4,030	1,772	3,325	32,859
1936.....	872	2,168	6,921	9,693	2,919	1,990	4,143	1,824	3,380	33,910
1937.....	848	2,146	7,320	9,733	3,107	2,107	4,184	1,854	3,456	34,757
1938.....	807	2,128	7,368	9,546	3,164	2,228	4,296	1,820	3,390	34,747
1939.....	768	2,067	7,284	9,141	3,143	2,264	4,193	1,794	3,277	33,931
1940 <sup>2</sup> .....	741	2,039	7,334	8,796	3,160	2,325	4,232	1,780	3,237	33,642
1941.....	752	2,008	7,296	8,665	3,159	2,306	4,229	1,819	3,263	33,497
1942.....	773	2,036	7,927	9,066	3,251	2,417	4,479	1,940	3,441	35,331
1943.....	799	2,175	8,355	9,862	3,448	2,588	4,751	2,122	3,755	37,855
1944.....	875	2,236	9,375	11,233	3,820	2,819	5,276	2,448	4,450	42,532
1945 <sup>2</sup> .....	939	2,389	9,959	12,115	4,239	3,094	5,816	2,756	5,083	46,389
1946.....	1,012	2,569	11,265	13,472	4,883	3,653	6,471	3,086	5,753	52,114
1947.....	1,104	2,913	12,740	15,102	5,534	4,233	7,188	3,418	6,372	58,604
1948.....	1,151	3,047	13,535	17,043	5,687	4,411	7,977	3,712	6,250	62,813
1949.....	1,196	3,274	14,083	17,951	6,005	4,703	8,374	3,735	5,846	65,168
1950.....	1,142	3,178	13,964	17,866	5,786	4,559	8,127	3,542	5,363	63,527

<sup>1</sup> Rounded totals of unrounded State figures, as of March 1st.<sup>2</sup> Census of Agriculture reports.

Bureau of Agricultural Economics. Values in intercensal years are estimates derived from index of land values per acre and adjusted for changes in acreage of land in farms.

TABLE 619.—*Farms: Number, acreage, and value of farm land and buildings, 1940 and 1945, and cropland harvested, 1939 and 1944, by States*

State and division	Farms		Land in farms <sup>1</sup>		Cropland harvested <sup>1</sup>		Value of farm land and buildings <sup>1</sup>	
	1940	1945	1940	1945	1939	1944	1940	1945
	Number	Number	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Million dollars	Million dollars
Maine.....	38,980	42,184	4,223	4,613	1,147	1,316	124	160
New Hampshire.....	16,554	18,786	1,809	2,017	372	436	62	80
Vermont.....	23,582	26,490	3,667	3,931	1,023	1,160	111	135
Massachusetts.....	31,897	37,007	1,938	2,078	456	581	212	265
Rhode Island.....	3,014	3,603	222	265	49	62	26	36
Connecticut.....	21,163	22,241	1,512	1,593	363	433	205	263
New England.....	135,190	150,311	13,371	14,497	3,408	3,987	741	939
New York.....	153,238	149,490	17,170	17,568	6,581	6,922	947	1,088
New Jersey.....	25,835	26,226	1,874	1,818	779	916	228	293
Pennsylvania.....	169,027	171,761	14,594	15,020	6,097	6,604	864	1,009
Middle Atlantic.....	348,100	347,477	33,639	34,406	13,457	14,441	2,039	2,389
Ohio.....	233,783	220,575	21,908	21,928	9,772	10,837	1,444	1,868
Indiana.....	184,439	175,970	19,801	20,027	9,711	10,912	1,251	1,794
Illinois.....	213,439	204,239	31,033	31,602	18,270	20,302	2,537	3,663
Michigan.....	187,589	175,268	18,038	18,392	7,863	8,521	913	1,199
Wisconsin.....	186,735	177,745	22,876	23,615	9,816	10,545	1,189	1,434
East North Central.....	1,006,095	953,797	113,655	115,564	55,431	61,117	7,334	9,959
Minnesota.....	197,351	188,952	32,607	33,140	18,807	18,599	1,443	1,834
Iowa.....	213,318	208,934	34,149	34,454	20,077	21,562	2,691	3,611
Missouri.....	256,100	242,934	34,740	35,278	12,400	12,902	1,107	1,708
North Dakota.....	73,992	69,520	37,936	41,001	15,537	20,817	490	727
South Dakota.....	72,454	68,705	39,474	43,032	12,297	16,525	505	764
Nebraska.....	121,062	111,756	47,344	47,753	17,305	19,696	1,138	1,690
Kansas.....	156,327	141,192	48,174	48,589	17,816	22,817	1,421	1,971
West North Central.....	1,090,574	1,031,993	274,423	283,248	114,239	132,778	8,796	12,115
Delaware.....	8,994	9,296	896	923	378	416	55	73
Maryland.....	42,110	41,275	4,198	4,200	1,609	1,745	274	355
District of Columbia.....	65	40	2	1	1	1	6	6
Virginia.....	174,885	173,051	16,445	16,358	3,840	3,933	675	869
West Virginia.....	99,282	97,600	8,909	8,720	1,565	1,490	270	341
North Carolina.....	278,276	287,412	18,845	18,818	6,125	6,126	737	1,003
South Carolina.....	137,558	147,745	11,239	11,022	4,322	4,149	338	441
Georgia.....	216,033	225,897	23,684	23,676	8,803	7,824	480	654
Florida.....	62,248	61,159	8,339	13,084	1,680	1,809	324	498
South Atlantic.....	1,019,451	1,043,475	92,555	96,601	28,323	27,494	3,160	4,230
Kentucky.....	252,894	238,601	20,294	19,725	5,272	5,322	776	1,016
Tennessee.....	247,617	234,431	18,493	17,789	6,159	5,844	664	871
Alabama.....	231,746	223,369	19,143	19,068	7,112	6,163	409	560
Mississippi.....	291,092	263,528	19,156	19,617	6,953	6,473	475	648
East South Central.....	1,023,349	959,829	77,086	76,198	25,495	23,802	2,325	3,094
Arkansas.....	216,674	198,769	18,045	17,456	6,610	5,995	457	663
Louisiana.....	150,007	129,295	9,996	10,040	4,052	3,490	354	472
Oklahoma.....	179,687	164,790	34,803	36,162	12,766	14,088	831	1,106
Texas.....	418,002	384,977	137,683	141,338	26,044	27,469	2,590	3,575
West South Central.....	964,370	877,831	200,527	204,995	49,472	51,043	4,232	5,816
Montana.....	41,823	37,747	46,452	58,787	5,748	7,439	350	518
Idaho.....	43,663	41,498	10,298	12,503	2,935	3,442	339	493
Wyoming.....	15,018	13,076	28,026	33,117	1,535	1,843	159	232
Colorado.....	51,436	47,618	31,527	36,218	4,770	6,035	388	566
New Mexico.....	34,105	29,695	38,860	49,608	1,573	1,957	188	327
Arizona.....	18,463	13,142	25,651	37,856	526	652	154	288
Utah.....	25,411	26,322	7,302	10,309	966	1,248	154	262
Nevada.....	3,573	3,429	3,785	6,178	436	487	48	72
Mountain.....	233,497	212,527	191,901	244,577	18,488	23,103	1,780	2,756
Washington.....	81,686	79,887	15,182	16,720	3,570	4,290	593	900
Oregon.....	61,829	63,125	17,988	19,754	2,824	3,276	477	698
California.....	132,658	138,917	30,524	35,054	6,535	7,536	2,166	3,485
Pacific.....	276,173	281,929	63,694	71,529	12,929	15,102	3,237	5,083
United States <sup>1</sup> .....	6,096,799	5,859,169	1,060,852	1,141,615	321,242	352,866	33,642	46,389

<sup>1</sup> Division and United States figures are rounded totals of unrounded State figures.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.



TABLE 620.—*Farm real estate: Index numbers of average value per acre, by States, Mar. 1, selected years, 1915-50*<sup>1</sup>

[1912-14=100]

State and division	1915	1920	1925	1930	1933	1935	1940	1945	1946	1947	1948	1949	1950
Maine.....	96	142	124	124	94	94	95	119	125	134	138	147	137
New Hampshire.....	101	129	111	111	92	90	94	117	122	136	142	144	136
Vermont.....	104	150	125	123	101	101	101	129	144	166	171	185	176
Massachusetts.....	98	140	132	131	112	111	113	133	141	145	154	159	152
Rhode Island.....	102	130	128	134	118	118	120	144	159	174	183	191	184
Connecticut.....	100	137	137	140	124	123	124	150	166	186	193	195	191
New England.....	99	140	127	127	105	104	106	130	140	152	159	166	158
New York.....	100	133	111	103	82	84	86	109	120	138	142	155	151
New Jersey.....	100	130	124	125	110	111	116	151	164	185	188	196	195
Pennsylvania.....	100	140	114	107	78	82	90	123	130	143	154	165	157
Middle Atlantic.....	100	136	114	106	82	85	90	119	128	144	151	162	157
Ohio.....	107	159	110	90	59	66	77	121	140	158	166	175	167
Indiana.....	102	161	102	80	53	61	74	124	145	158	172	176	174
Illinois.....	102	160	115	91	54	61	75	112	124	141	150	158	162
Michigan.....	105	154	133	121	80	83	91	145	167	194	198	202	199
Wisconsin.....	104	171	130	117	80	82	84	110	120	135	145	152	145
East North Central.....	104	161	116	96	62	68	78	119	134	152	161	168	166
Minnesota.....	107	213	159	133	79	83	86	115	129	143	157	164	169
Iowa.....	112	213	136	113	58	67	74	107	121	134	150	154	157
Missouri.....	102	167	112	92	55	58	59	91	102	113	116	123	124
North Dakota.....	103	145	109	95	66	67	52	76	83	92	110	118	114
South Dakota.....	101	181	115	93	55	54	41	62	68	77	91	98	97
Nebraska.....	101	179	123	113	69	72	58	86	96	108	126	139	130
Kansas.....	103	151	115	113	70	73	71	111	120	140	163	169	167
West North Central.....	105	184	126	109	64	68	65	96	106	119	135	142	141
Delaware.....	100	139	112	111	80	82	89	123	137	160	163	163	158
Maryland.....	104	166	131	123	90	91	100	147	165	196	201	206	200
Virginia.....	97	189	154	134	88	97	112	171	200	224	226	246	235
West Virginia.....	101	154	120	105	74	78	85	106	121	137	149	155	139
North Carolina.....	102	223	187	158	86	111	138	224	268	310	324	341	344
South Carolina.....	94	230	138	104	57	76	89	162	172	196	208	224	204
Georgia.....	94	217	116	100	57	72	82	132	146	173	180	195	182
Florida.....	97	178	172	172	121	126	133	185	204	226	210	206	210
South Atlantic.....	98	198	148	128	80	93	107	166	189	217	223	236	228
Kentucky.....	100	200	140	127	80	87	113	189	221	264	264	284	274
Tennessee.....	100	200	137	123	79	91	108	177	213	243	258	271	265
Alabama.....	98	177	154	143	88	110	122	180	208	247	252	275	261
Mississippi.....	97	218	136	122	73	90	106	165	196	216	238	251	246
East South Central.....	99	199	141	128	79	93	112	179	212	246	256	273	264
Arkansas.....	95	222	160	141	80	88	95	167	180	214	235	260	246
Louisiana.....	95	198	141	132	89	103	121	162	175	205	202	230	225
Oklahoma.....	95	166	131	127	76	86	93	131	156	169	185	211	205
Texas.....	103	174	146	138	83	91	99	137	150	165	187	187	182
West South Central.....	100	177	144	136	82	91	99	139	154	170	190	197	191
Montana.....	100	126	75	72	48	50	55	89	102	117	129	130	125
Idaho.....	96	172	123	116	76	80	86	140	153	160	168	165	158
Wyoming.....	103	176	100	98	62	62	68	115	132	147	168	169	159
Colorado.....	93	141	92	83	54	53	61	108	125	141	157	156	149
New Mexico.....	100	144	108	110	75	76	84	132	151	168	181	193	188
Arizona.....	97	165	121	123	90	91	95	145	158	176	181	180	172
Utah.....	98	167	130	126	83	84	89	121	127	136	146	146	141
Nevada.....	102	135	102	99	65	65	70	92	100	107	114	114	109
Mountain.....	98	151	105	102	69	70	76	120	133	149	161	163	156
Washington.....	100	140	113	110	74	76	84	133	153	170	174	168	157
Oregon.....	99	130	110	107	72	74	84	130	143	152	156	152	141
California.....	111	167	164	160	109	115	121	193	219	244	234	215	196
Pacific.....	107	156	146	142	96	101	108	171	194	215	210	196	180
United States.....	103	170	127	115	73	79	84	126	142	159	170	175	169

<sup>1</sup> All farm lands with improvements.

TABLE 621.—*Farm transfers: Number per 1,000 of all farms by type and by geographic divisions, 12 months ended Mar. 15, average 1935-39, annual 1942-50*

Type of transfer and year	New Eng- land	Middle Atlan- tic	East North Central	West North Central	South Atlan- tic	East South Central	West South Central	Moun- tain	Pacific	United States
	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and	Number per thous- and
<b>Voluntary sales and trades:<sup>1</sup></b>										
Average, 1935-39.....	22.5	25.8	26.6	24.7	25.1	33.5	26.0	28.4	35.6	27.2
1942.....	25.4	36.8	42.7	50.8	33.1	42.0	43.7	32.7	48.4	41.7
1943.....	29.5	38.0	46.7	54.8	34.1	51.4	45.2	44.0	53.5	46.8
1944.....	38.6	46.5	56.0	63.4	43.8	59.9	59.3	57.7	66.9	55.9
1945.....	33.7	45.6	50.4	55.8	43.4	57.7	52.9	52.6	60.7	51.5
1946.....	36.6	54.3	57.4	60.5	47.4	65.0	57.5	61.5	68.6	57.4
1947.....	47.6	55.8	55.5	61.7	46.6	62.4	60.7	60.7	70.3	57.7
1948.....	36.7	47.9	49.3	55.9	39.4	49.6	47.8	56.2	55.8	49.0
1949.....	36.2	39.1	39.6	47.8	30.8	40.1	40.4	51.8	52.3	40.8
1950.....	38.6	33.2	36.8	41.4	27.8	36.3	36.9	48.8	48.8	37.1
<b>Delinquent taxes:</b>										
Average, 1935-39.....	4.7	5.4	2.1	4.6	5.8	7.0	4.0	10.1	4.2	4.8
1942.....	3.7	3.0	1.8	3.9	2.2	2.9	4.3	6.4	2.7	3.1
1943.....	3.8	2.4	.9	3.0	1.6	1.5	2.9	5.9	2.1	2.2
1944.....	3.2	1.4	.9	2.4	1.7	1.1	2.5	4.1	1.3	1.8
1945.....	2.2	1.2	.7	1.2	1.2	.6	1.1	1.7	1.0	1.1
1946.....	1.5	.6	.6	.8	.7	.5	1.3	1.1	.6	.8
1947.....	1.7	.8	.7	.8	.6	.3	1.2	.8	.4	.7
1948.....	.4	.6	.3	.4	.4	.7	.8	.7	.4	.6
1949.....	.4	.5	.2	.4	.3	.6	.6	.2	.2	.4
1950.....	.5	.5	.3	.2	.2	.4	1.3	.5		.4
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>										
Average, 1935-39.....	10.5	12.5	16.2	28.4	12.3	14.4	15.4	21.2	17.8	17.4
1942.....	6.9	5.5	5.6	10.1	5.1	4.4	4.0	8.1	6.5	6.2
1943.....	6.0	4.3	4.1	7.4	2.9	3.1	2.9	4.8	4.0	4.4
1944.....	3.3	2.0	3.6	5.0	2.2	2.4	1.8	3.0	3.5	3.1
1945.....	2.0	1.6	1.9	2.9	1.5	1.7	1.5	1.7	1.8	1.9
1946.....	1.5	1.6	1.4	1.4	1.2	1.6	1.8	1.7	1.2	1.5
1947.....	1.9	1.3	1.0	1.1	.9	1.4	1.1	1.4	.7	1.1
1948.....	1.7	.9	.9	.7	1.1	1.1	1.0	1.0	1.0	1.0
1949.....	2.1	2.3	.7	.9	1.3	1.0	1.1	1.2	1.5	1.2
1950.....	2.8	1.5	.9	1.1	1.8	1.7	1.7	1.4	1.2	1.4
<b>Inheritance and gift:</b>										
Average, 1935-39.....	9.9	9.7	9.6	9.9	12.8	10.0	9.1	6.8	7.5	9.9
1942.....	7.5	6.4	5.2	4.4	7.9	5.5	5.9	4.0	4.2	5.7
1943.....	7.3	5.9	4.9	4.7	7.1	4.8	4.7	3.7	4.7	5.3
1944.....	7.4	5.7	5.2	4.1	7.1	4.6	5.4	3.9	3.9	5.2
1945.....	6.7	5.2	4.5	4.7	6.0	4.8	4.8	3.3	4.5	4.9
1946.....	5.8	5.1	4.1	4.2	5.7	4.1	4.5	3.5	4.3	4.5
1947.....	5.4	4.1	4.5	4.8	6.2	5.0	4.1	4.8	4.4	4.8
1948.....	6.3	3.6	4.8	4.3	6.0	5.0	4.1	4.2	3.8	4.8
1949.....	4.9	2.8	5.1	3.6	6.4	5.4	4.6	4.5	4.8	4.8
1950.....	4.0	3.0	4.8	3.9	5.6	4.4	6.0	4.0	3.8	4.6
<b>Administrators' and executors' sales:<sup>2</sup></b>										
Average, 1935-39.....	6.0	9.2	9.4	7.7	9.5	8.1	5.2	4.8	5.0	7.8
1942.....	5.9	9.0	10.2	8.7	8.7	7.7	5.2	5.7	5.7	8.0
1943.....	5.1	7.9	11.0	9.5	7.8	8.0	5.3	5.5	5.3	8.1
1944.....	5.7	9.8	12.2	10.9	9.0	8.0	6.3	6.4	5.9	9.2
1945.....	6.4	9.7	10.7	10.7	9.7	6.9	6.8	6.9	7.7	9.0
1946.....	7.5	10.1	11.3	11.1	8.7	6.5	8.0	6.9	7.9	9.2
1947.....	8.6	10.3	11.7	12.7	8.9	8.4	7.8	7.6	6.8	9.9
1948.....	7.1	7.8	11.1	11.7	10.3	6.0	8.7	7.1	4.5	9.2
1949.....	6.7	8.0	10.1	10.7	8.0	6.4	7.5	6.6	4.5	8.4
1950.....	5.7	6.0	8.7	9.3	6.5	6.3	7.8	5.0	6.1	7.5
<b>Total, all classes:<sup>3</sup></b>										
Average, 1935-39.....	55.2	64.3	65.4	77.1	67.4	75.1	61.8	73.2	72.2	68.9
1942.....	50.9	62.0	66.7	79.3	58.0	63.9	65.2	58.7	69.7	66.1
1943.....	53.2	59.7	68.5	81.1	54.4	70.1	61.7	65.5	72.3	67.0
1944.....	59.8	66.3	78.5	86.5	64.7	76.3	76.5	76.5	82.8	76.1
1945.....	52.1	64.7	69.8	76.4	62.8	72.8	68.9	67.7	77.4	69.7
1946.....	54.1	73.8	76.4	79.5	65.2	78.9	71.7	76.8	85.1	75.0
1947.....	66.4	73.7	74.9	82.6	64.5	79.0	77.3	77.8	83.1	75.9
1948.....	53.6	62.5	67.7	73.9	59.3	63.4	64.5	70.8	67.4	65.9
1949.....	51.6	53.7	57.3	64.4	48.0	54.8	55.4	66.1	64.7	56.9
1950.....	52.7	45.3	53.5	56.7	43.3	50.0	55.1	60.9	61.3	52.3

<sup>1</sup> Including contracts to purchase, but not options.<sup>2</sup> Includes all other sales in settlement of estates.<sup>3</sup> Including miscellaneous and unclassified.

Bureau of Agricultural Economics.

TABLE 622.—Ownership of land in farms, by States, 1945<sup>1</sup>

Division and State	Land in farms	Percentage by type of ownership				
		Individual	Corporate	Public	Indian <sup>2</sup>	Other
	1,000 acres	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
New England:						
Maine.....	4, 613	98.4	0.5	0.8		0.3
New Hampshire.....	2, 017	98.7	1.0	( <sup>3</sup> )		.3
Vermont.....	3, 931	99.2	.8			
Massachusetts.....	2, 078	98.5	1.2	.2		.1
Rhode Island.....	265	89.7	6.3	4.0		
Connecticut.....	1, 593	90.2	9.1	.2		.5
Middle Atlantic:						
New York.....	17, 568	93.8	5.4	.1		.7
New Jersey.....	1, 818	95.5	3.0	.8		.7
Pennsylvania.....	15, 020	98.3	1.0	.3		.4
East North Central:						
Ohio.....	21, 928	98.8	.5	.6		.1
Indiana.....	20, 027	98.4	.5	.9		.2
Illinois.....	31, 602	97.6	1.4	.1		.9
Michigan.....	18, 392	90.2	.4	.1		.3
Wisconsin.....	23, 615	97.7	1.5	.5		.3
West North Central:						
Minnesota.....	33, 140	96.8	2.0	.7		.5
Iowa.....	34, 454	96.4	1.9	.2		1.5
Missouri.....	35, 278	98.0	1.2	.2		.3
North Dakota.....	41, 001	89.0	4.1	5.8	.8	.3
South Dakota.....	43, 032	74.7	4.0	14.7	6.3	.3
Nebraska.....	47, 753	95.2	2.3	2.2	.1	.2
Kansas.....	48, 589	97.2	2.0	.1		.7
South Atlantic:						
District of Columbia.....	2	23.4		76.6		
Delaware.....	923	98.1	.9	.3		.7
Maryland.....	4, 200	96.7	.8	.7		1.8
Virginia.....	16, 358	99.6	.1	.2		.1
West Virginia.....	8, 720	96.6	2.6	.5		.3
North Carolina.....	18, 618	98.2	1.0	.1		.7
South Carolina.....	11, 022	88.0	7.5	3.6		.9
Georgia.....	23, 676	95.2	3.9	.4		.5
Florida.....	13, 083	89.2	10.6	.2		( <sup>3</sup> )
East South Central:						
Kentucky.....	19, 725	97.7	1.4	.5		.4
Tennessee.....	17, 789	99.2	.4	.1		.3
Alabama.....	19, 068	98.8	.5	.3		.4
Mississippi.....	19, 617	97.8	1.2	.3		.7
West South Central:						
Arkansas.....	17, 456	97.2	2.0	.3		.5
Louisiana.....	10, 040	93.0	6.3	.2		.5
Oklahoma.....	36, 162	93.3	.8	3.2	1.9	.8
Texas.....	141, 338	76.0	15.9	4.6	( <sup>3</sup> )	3.5
Mountain:						
Montana.....	58, 787	75.8	6.9	10.2	6.1	1.0
Idaho.....	12, 503	89.4	1.0	5.4	3.6	.6
Wyoming.....	33, 117	66.4	13.6	14.0	3.7	2.3
Colorado.....	36, 218	87.1	4.2	5.9	1.8	1.0
New Mexico.....	49, 608	50.6	7.7	29.4	11.7	.6
Arizona.....	37, 856	23.2	13.2	16.0	47.1	.5
Utah.....	10, 309	78.0	8.3	7.7	3.3	2.7
Nevada.....	6, 178	50.7	31.0	1.2	15.1	2.0
Pacific:						
Washington.....	16, 720	87.6	3.8	4.7	1.5	2.4
Oregon.....	19, 754	89.6	6.9	3.1	.2	.2
California.....	35, 054	90.5	5.6	1.9	.4	1.6
United States.....	1, 141, 615	85.4	5.6	4.9	3.0	1.1

<sup>1</sup> Acreages from 1945 Census of Agriculture. Percentages computed from a sample of 153,890 census farms, except for the Rocky Mountain States where a complete tabulation of all farms was made.

<sup>2</sup> Includes primarily lands held in trust by the Federal Government for Indian tribes.

<sup>3</sup> Less than 0.05 percent.

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TABLE 623.—*Farms: Classification by tenure of operator, United States, 1880-1948*<sup>1</sup>

Year	Farms	Percentage by tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Number	Percent	Percent	Percent	Percent	Percent
1880.....	4,008,907	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25.6	( <sup>2</sup> )
1890.....	4,564,641	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	28.4	( <sup>2</sup> )
1900.....	5,737,372	55.8	7.9	1.0	35.3	( <sup>2</sup> )
1910.....	6,361,502	52.7	9.3	.9	37.0	( <sup>2</sup> )
1920.....	6,448,343	52.2	8.7	1.1	38.1	17.5
1925.....	6,371,640	52.0	8.7	.6	38.6	19.9
1930.....	6,288,648	46.3	10.4	.9	42.4	24.1
1935.....	6,812,350	47.1	10.1	.7	42.1	20.9
1940.....	6,096,799	50.6	10.1	.6	38.7	18.0
1945.....	5,859,169	56.3	11.3	.7	31.7	15.5
1947 <sup>3</sup> .....		56.8	14.5	.7	28.0	13.3
1948 <sup>4</sup> .....		57.1	14.7	.8	27.4	12.9

<sup>1</sup> Data for census years 1880 to 1945 from Census of Agriculture, Bureau of the Census; data for 1947 and 1948 from Enumerative Surveys, Bureau of Agricultural Economics.

<sup>2</sup> Data not available.

<sup>3</sup> Data from Enumerative Surveys for January 1947 and April 1948. The number of farms for these 2 years estimated to be approximately the same as in 1945.

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TABLE 624.—*Value of farm property, United States, Jan. 1, 1929-50*

Year	Land and buildings	Machinery and equipment <sup>1</sup>	Crops		Livestock <sup>4</sup>	Total	
			For sale <sup>2</sup>	All <sup>3</sup>		Including crops for sale	Including all crops
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
1929.....	47,880	3,245	1,224	-----	6,633	58,982	-----
1930.....	47,880	3,428	1,093	-----	6,555	58,956	-----
1931.....	48,993	3,256	734	-----	4,889	52,872	-----
1932.....	37,236	2,950	578	-----	3,573	44,337	-----
1933.....	30,724	2,464	475	-----	3,000	36,663	-----
1934.....	31,933	2,170	686	-----	3,189	37,978	-----
1935.....	32,859	2,211	588	-----	3,499	39,157	-----
1936.....	33,910	2,302	660	-----	5,215	42,147	-----
1937.....	34,757	2,616	728	-----	5,095	43,196	-----
1938.....	34,747	3,013	795	-----	5,064	43,619	-----
1939.....	35,931	3,181	655	-----	5,125	42,892	-----
1940.....	33,642	3,118	712	2,645	5,133	42,605	44,538
1941.....	33,497	3,369	768	2,944	5,326	42,960	45,136
1942.....	35,331	3,988	1,120	3,798	7,073	47,512	50,190
1943.....	37,855	4,669	1,681	5,110	9,643	53,848	57,277
1944.....	42,532	4,846	1,995	6,079	9,684	59,057	63,141
1945.....	46,389	6,114	2,323	6,396	9,001	63,827	67,900
1946.....	52,114	6,073	2,303	6,030	9,775	70,265	73,992
1947.....	58,604	6,706	2,607	6,852	11,978	79,895	84,140
1948.....	62,813	8,863	3,385	8,789	13,440	88,501	93,905
1949.....	65,168	11,683	2,941	8,417	14,657	94,449	99,925
1950 <sup>5</sup> .....	63,527	14,280	2,170	7,823	13,214	93,191	98,844

<sup>1</sup> Automobiles, trucks, tractors, other machinery, harness, and saddlery.

<sup>2</sup> Excludes crops under C.C.C. loan.

<sup>3</sup> Includes crops under C.C.C. loan stored off farms, as well as all crops, whether under loan or not stored on farms.

<sup>4</sup> All cattle, hogs, all sheep, horses, mules, chickens, and turkeys.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 625.—Comparative balance sheet of agriculture, United States, Jan. 1, 1940-50<sup>1</sup>

Item	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>	<i>Mil- lion dol- lars</i>
<b>ASSETS</b>											
Physical assets:											
Real estate.....	33,642	33,497	35,331	37,855	42,532	46,389	52,114	58,604	62,813	65,168	63,527
Non-real-estate:											
Livestock.....	5,133	5,325	7,074	9,642	9,685	9,012	9,742	11,978	13,384	14,657	13,211
Machinery and motor vehicles.....	3,118	3,369	3,988	4,669	4,846	6,114	6,073	6,706	8,863	11,683	14,280
Crops, stored on and off farms <sup>2</sup> .....	2,645	2,944	3,798	5,110	6,079	6,396	6,030	6,852	8,789	8,417	7,823
Household equip- ment <sup>3</sup> .....	4,275	4,299	4,386	4,265	4,276	4,232	4,415	4,880	5,415	6,000	6,500
Financial assets:											
Deposits and currency.....	3,900	4,300	5,300	7,000	8,700	10,800	13,500	14,900	15,300	14,800	14,300
United States savings bonds.....	249	352	511	1,061	2,335	3,714	4,498	4,504	4,781	5,025	5,250
Investment in cooperatives.....	826	875	953	1,044	1,140	1,264	1,420	1,635	1,880	2,041	2,205
<b>Total.....</b>	<b>53,788</b>	<b>54,961</b>	<b>61,341</b>	<b>70,646</b>	<b>79,593</b>	<b>87,921</b>	<b>97,792</b>	<b>110,059</b>	<b>121,225</b>	<b>127,791</b>	<b>127,096</b>
<b>CLAIMS</b>											
Liabilities:											
Real estate debt.....	6,586	6,491	6,372	5,951	5,389	4,933	4,682	4,777	4,882	5,108	5,413
Non-real-estate debt:											
To principal institu- tions:											
Excluding loans held or guaran- teed by Com- modity Credit Corporation.....	1,504	1,648	1,784	1,673	1,688	1,622	1,671	1,955	2,293	2,714	2,838
Loans held or guar- anteed by Com- modity Credit Corporation.....	445	629	610	773	589	683	277	65	74	1,152	1,719
To others <sup>4</sup> .....	1,500	1,700	1,700	1,500	1,200	1,100	1,200	1,500	1,800	2,200	2,400
<b>Total.....</b>	<b>10,035</b>	<b>10,468</b>	<b>10,466</b>	<b>9,897</b>	<b>8,866</b>	<b>8,338</b>	<b>7,830</b>	<b>8,297</b>	<b>9,049</b>	<b>11,174</b>	<b>12,370</b>
Proprietors' equities.....	43,753	44,493	50,875	60,749	70,727	79,583	89,962	101,762	112,176	116,617	114,726
<b>Total.....</b>	<b>53,788</b>	<b>54,961</b>	<b>61,341</b>	<b>70,646</b>	<b>79,593</b>	<b>87,921</b>	<b>97,792</b>	<b>110,059</b>	<b>121,225</b>	<b>127,791</b>	<b>127,096</b>

<sup>1</sup> The margin of error of the estimates varies with the items.<sup>2</sup> Includes all crops held on farms and crops held in bonded warehouses as security for Commodity Credit Corporation loans. The latter totaled 1,023 million dollars on Jan. 1, 1950.<sup>3</sup> Estimated valuation for 1940 plus purchases minus depreciation.<sup>4</sup> Tentative. Includes individuals, merchants, dealers, and other miscellaneous lenders.

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TABLE 626.—*Livestock: Number and farm value, United States, Jan. 1, average 1939-48, annual 1949 and 1950*

Class of livestock	Number			Farm value					
				Per head			Total		
	Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>	Average 1939-48	1949	1950 <sup>1</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle.....	77,600	78,298	80,277	67.10	135.00	123.00	5,305,578	10,552,421	9,873,710
Cows and heifers 2 yrs. old and over kept for milk.....	26,175	24,416	24,625	97.40	193.00	177.00	2,557,511	4,715,844	4,350,936
Hogs.....	61,634	57,128	60,424	20.60	38.20	27.10	1,265,915	2,183,553	1,638,964
All sheep.....	48,112	31,654	30,797	9.11	17.00	17.80	426,714	543,862	548,248
Stock sheep.....	41,829	27,651	27,064	9.11	17.00	17.80	367,175	470,460	480,641
Horses.....	9,054	5,898	5,310	69.00	52.30	45.70	634,884	308,682	242,879
Mules.....	3,450	2,348	2,153	126.00	117.00	99.40	429,968	274,012	214,018
Total <sup>2</sup> .....							8,063,059	13,862,530	12,517,819
Chickens.....	486,359	448,676	481,190	1.04	1.66	1.36	512,665	745,929	655,210
Turkeys.....	7,056	5,540	6,120	4.47	8.70	6.24	30,738	48,172	38,193
Total <sup>3</sup> .....							8,606,462	14,656,631	13,211,222

<sup>1</sup> Preliminary.<sup>2</sup> Includes cattle, hogs, all sheep, horses, and mules.<sup>3</sup> Includes cattle, hogs, all sheep, horses, mules, chickens, and turkeys.

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TABLE 627.—*Tractors, motortrucks, and automobiles on farms, Jan. 1, and tractors purchased by farmers, United States, 1929-50*

Year	On farms, Jan. 1			Tractors pur- chased	Year	On farms, Jan. 1			Tractors pur- chased
	Tractors	Motor- trucks	Auto- mobiles			Tractors	Motor- trucks	Auto- mobiles	
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1929.....	827	840	3,970	137	1940.....	1,545	1,047	4,144	219
1930.....	920	900	4,135	116	1941.....	1,675	1,095	4,330	297
1931.....	997	920	4,077	58	1942.....	1,885	1,160	4,670	218
1932.....	1,022	910	3,798	25	1943.....	2,100	1,286	4,350	85
1933.....	1,019	865	3,399	25	1944.....	2,215	1,385	4,185	215
1934.....	1,016	875	3,399	65	1945.....	2,422	1,490	4,148	199
1935.....	1,048	890	3,642	122	1946.....	2,585	1,550	4,150	255
1936.....	1,125	923	3,735	165	1947.....	2,800	1,730	4,520	428
1937.....	1,231	990	3,962	221	1948.....	3,150	1,920	4,930	517
1938.....	1,368	1,042	4,109	151	1949.....	3,500	2,100	5,300	512
1939.....	1,447	1,020	4,030	161	1950 <sup>1</sup> .....	3,825	2,200	5,800	-----

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

## TRACTORS

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TABLE 628.—*Tractors: Number produced and shipped by manufacturers for total domestic use and for domestic farm use, United States, 1929-49*

Year	Production				Total domestic shipments			
	Wheel type	Track-laying	Garden	Total	Wheel type	Track-laying	Garden	Total
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1929.....	195,980	27,101	5,895	228,976	136,310	19,000	4,732	160,042
1930.....	176,075	20,222	6,161	202,458	113,160	15,105	4,484	132,749
1931 <sup>1</sup> .....	61,940	7,089	2,675	71,704	(2)	(2)	(2)	(2)
1932-34 <sup>2</sup> .....								
1935.....	138,084	18,774	4,273	161,131	118,667	14,181	4,202	137,050
1936.....	193,947	27,299	5,939	227,185	158,444	20,792	5,737	184,973
1937.....	237,837	34,602	10,716	283,155	216,169	21,449	9,752	247,370
1938.....	172,437	16,837	9,949	199,223	143,703	11,251	8,970	163,924
1939.....	185,558	20,127	9,777	215,462	157,497	13,011	8,952	179,460
1940.....	249,434	24,762	9,350	283,546	215,701	16,177	8,816	240,694
1941.....	313,432	28,661	16,427	358,520	286,858	20,942	16,118	323,918
1942.....	172,123	29,578	13,373	215,074	161,668	23,265	12,493	197,426
1943.....	105,248	29,453	8,788	143,489	82,576	28,533	9,124	120,233
1944.....	249,131	44,860	16,999	310,990	205,897	42,808	14,880	263,594
1945.....	244,430	44,872	27,966	317,268	186,281	39,404	26,401	252,086
1946.....	258,274	25,002	118,237	402,413	206,951	19,943	109,179	336,073
1947.....	433,334	37,295	172,938	643,567	352,443	27,885	158,984	539,312
1948.....	529,587	39,412	184,624	753,623	436,984	29,564	158,865	625,413
1949.....	557,877	44,613	123,367	725,857	447,970	28,260	123,318	599,548
					Domestic shipments for farm use <sup>3</sup>			
1943.....	74,765	1,506	9,076	85,347				
1944.....	194,500	4,357	14,516	213,373				
1945.....	171,232	7,977	25,491	204,700				
1946.....	196,043	7,156	106,911	310,110				
1947.....	339,280	9,005	153,330	501,615				
1948.....	419,737	12,780	158,865	591,382				
1949.....	439,630	12,167	123,318	575,115				

<sup>1</sup> No segregation made between domestic shipments and shipments for export.<sup>2</sup> Data not collected.<sup>3</sup> Data not available prior to 1943.

Bureau of Agricultural Economics. Compiled from "Facts for Industry" reports of the Bureau of the Census.

TABLE 629.—*Farm machines, selected types: Units manufactured in the United States, 1929-49*

Year	Tractor mold-board plows	Corn binders	Corn pickers (field)	Silage cutters	Grain binders	Grain threshers	Com-bines (harvest-threshers) <sup>1</sup>	Manure spreaders	Tractor culti-vators <sup>2</sup>
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1929.....	122,897	15,246	8,620	8,065	65,069	13,558	36,957	61,000	34,634
1930.....	107,671	13,566	12,352	6,749	<sup>3</sup> 46,166	8,635	24,409	47,722	56,250
1931.....	26,827	( <sup>4</sup> )	3,243	3,156	<sup>3</sup> 15,356	3,954	5,907	19,707	15,631
1932-34 <sup>5</sup>									
1935.....	57,862	19,290	1,845	7,294	<sup>3</sup> 47,680	<sup>6</sup> 4,619	3,872	31,462	54,519
1936.....	116,213	19,364	4,052	12,850	<sup>3</sup> 66,970	8,622	16,983	53,361	115,957
1937.....	149,006	16,694	13,586	10,197	<sup>3</sup> 32,295	4,996	29,403	60,057	127,188
1938.....	117,960	12,765	16,722	11,743	<sup>7</sup> 47,619	8,649	48,046	27,344	90,760
1939.....	98,672	5,535	16,044	9,125	<sup>7</sup> 15,242	2,781	41,537	33,363	65,547
1940.....	171,896	9,990	11,638	8,507	( <sup>8</sup> )	2,054	46,552	<sup>9</sup> 46,075	104,345
1941.....	183,497	13,175	16,958	11,403	( <sup>8</sup> )	2,459	54,296	<sup>9</sup> 69,618	145,491
1942.....	<sup>10</sup> 132,131	( <sup>11</sup> )	13,640	8,332	<sup>7</sup> 5,171	2,146	41,722	<sup>9</sup> 56,881	141,704
1943.....	55,182	3,077	12,592	4,163	<sup>3</sup> 3,782	668	29,219	<sup>9</sup> 17,448	83,802
1944.....	121,689	9,709	25,371	8,757	<sup>11</sup> 11,317	1,858	<sup>12</sup> 44,704	<sup>9</sup> 49,522	181,554
1945.....	158,159	8,699	35,885	9,005	9,054	1,185	<sup>12</sup> 51,418	<sup>9</sup> 44,997	191,330
1946.....	162,113	7,218	34,554	9,294	( <sup>8</sup> )	2,583	<sup>12</sup> 48,811	<sup>9</sup> 44,143	151,489
1947.....	244,115	( <sup>11</sup> )	66,055	13,222	9,523	1,277	<sup>12</sup> 76,638	<sup>9</sup> 64,927	245,735
1948.....	308,805	( <sup>11</sup> )	78,808	10,736	( <sup>11</sup> )	2,161	<sup>12</sup> 100,668	<sup>9</sup> 118,206	359,146
1949.....	329,463	( <sup>11</sup> )	90,410	7,752	( <sup>11</sup> )	2,062	<sup>13</sup> 104,888	<sup>9</sup> 128,497	327,244

  

Year	One-way disk plows or tillers	Loose hay loaders	Pick-up hay balers	Peanut pickers	Power grinders and crushers	Milking machines	Power sprayers and dusters	Field culti-vators	Sweep rakes
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1935.....	6,980	8,813	-----	653	25,960	4,217	8,180	4,819	5,244
1936.....	9,651	22,742	-----	994	22,754	9,841	9,655	5,755	8,506
1937.....	15,027	27,256	-----	960	28,928	21,502	9,680	11,774	7,094
1938.....	13,245	17,481	-----	656	32,244	18,787	7,920	11,488	7,508
1939.....	9,408	15,350	-----	627	49,069	22,798	9,904	6,004	4,783
1940.....	14,148	20,226	1,464	885	64,831	44,374	6,845	8,138	6,497
1941.....	17,074	26,930	8,200	922	67,415	<sup>13</sup> 55,711	9,915	13,115	9,397
1942.....	11,274	19,426	8,801	2,899	53,876	<sup>13</sup> 37,287	10,363	11,313	9,812
1943.....	5,363	11,508	5,418	1,340	30,733	<sup>13</sup> 46,892	7,475	3,718	6,549
1944.....	12,945	21,065	12,126	841	61,560	<sup>14</sup> 78,421	13,875	17,618	14,599
1945.....	13,122	20,591	12,535	1,095	65,067	<sup>14</sup> 125,413	16,928	21,214	17,699
1946.....	16,731	23,053	11,072	1,849	110,059	<sup>14</sup> 149,127	27,567	22,323	40,045
1947.....	25,670	20,407	26,573	2,315	103,941	<sup>14</sup> 88,765	51,432	39,664	21,358
1948.....	35,935	28,472	48,469	2,188	81,369	<sup>14</sup> 62,061	137,419	76,518	14,901
1949.....	29,785	13,109	56,849	1,395	52,591	<sup>14</sup> 46,328	99,366	62,569	5,176

<sup>1</sup> Includes in 1937, 16,596 6-foot and under; in 1938, 28,216 6-foot and under; in 1939, 30,516 6-foot and under; in 1940, 41,450 6-foot and under; in 1941, 44,001 6-foot and under; in 1942, 36,701 6-foot and under; in 1943, 25,362 6-foot and under; in 1944, 33,169 6-foot and under; in 1945, 39,257 6-foot and under; in 1946, 38,127 6-foot and under; in 1947, 58,965 6-foot and under; in 1948, 68,018 6-foot and under; in 1949, 75,351 6-foot and under.

<sup>2</sup> Row cultivators tractor-drawn or mounted; beet or field cultivators not included.

<sup>3</sup> Including rice binders: 1935, 540; 1936, 951; 1937, 1,036; 1943, 466; 1944, 500.

<sup>4</sup> No data reported.

<sup>5</sup> Census was not taken.

<sup>6</sup> Including rice and alfalfa threshers in 1935 and thereafter.

<sup>7</sup> Not including rice binders.

<sup>8</sup> Figures omitted to avoid disclosure of operations of individual establishments.

<sup>9</sup> Includes in 1940, 6,140 two-wheel spreaders; in 1941, 21,032; in 1942, 17,087; in 1943, 5,729; in 1944, 12,834; in 1945, 19,982; in 1946, 26,466; in 1947, 42,516; in 1948, 88,073; in 1949, 103,652.

<sup>10</sup> Includes 37,457 tractor-mounted plows.

<sup>11</sup> Figures combined with other harvesting machinery.

<sup>12</sup> Includes 1,100 self-propelled combines in 1944, 3,287 in 1945, 3,110 in 1946, 5,506 in 1947, 10,198 in 1948, and 13,671 in 1949. Not called for by the Census prior to 1944.

<sup>13</sup> Exclusively vacuum-pump units.

<sup>14</sup> Vacuum-pump units for stationary and portable milking machines.

Bureau of Plant Industry, Soils and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.



TABLE 630.—*Farm machines and equipment: Value of shipments, by classes, United States, 1929-49*

Year	Total manufacturers' shipments <sup>1</sup>	Total shipped for export	Shipments for use in United States							Machines for preparing crops for market or use
			Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeder	Harvesting machinery	Haying machinery	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	492,992	104,801	412,214	30,450	13,400	24,811	20,536	53,655	17,311	24,825
1930.....	417,926	93,159	346,653	28,483	11,538	21,040	18,729	42,030	14,060	18,862
1931 <sup>2</sup> .....	208,575	223,427	33,778	13,778	6,362	10,886	10,726	25,289	7,738	13,760
1932-34 <sup>3</sup> .....										
1935.....	277,089	22,292	272,254	17,127	8,221	14,663	11,396	25,461	14,708	14,360
1936.....	375,128	34,052	368,823	22,523	11,598	20,692	16,731	29,605	15,928	19,088
1937.....	485,130	58,985	458,490	28,760	14,507	25,482	20,256	50,537	17,028	21,179
1938.....	404,047	69,174	366,633	22,356	11,707	16,641	15,559	56,523	14,739	18,936
1939.....	386,549	62,702	358,095	19,123	11,604	14,951	12,586	38,085	15,102	18,763
1940.....	462,415	68,365	429,458	24,740	14,337	19,108	15,323	40,028	19,783	21,212
1941.....	638,605	74,908	596,490	31,046	19,772	27,622	21,302	59,361	33,725	23,386
1942.....	622,528	57,693	601,335	32,334	19,453	29,749	22,971	53,777	34,229	21,126
1943.....	602,290	42,059	301,582	22,247	10,305	15,664	15,552	45,637	24,383	13,922
1944.....	1,026,207	68,070	549,311	32,012	21,526	33,433	29,603	74,588	42,579	20,259
1945.....	996,556	87,582	612,595	35,373	21,376	41,655	31,711	92,270	46,459	23,731
1946.....	983,515	87,247	763,231	45,815	34,965	52,089	32,425	105,942	56,351	33,542
1947.....	1,502,598	162,000	1,132,686	73,545	51,951	69,945	47,429	174,682	87,918	38,136
1948.....	1,961,987	220,133	1,513,613	87,570	76,748	104,923	75,222	226,446	142,235	37,052
1949.....	2,051,876	262,380	1,552,410	82,007	66,720	109,251	65,221	265,974	140,353	30,619

  

Year	Shipments for use in United States								Barn and barnyard equipment
	Tractor and tractor engines	Internal-combustion engines	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Hand tools	Dairy equipment	Poultry equipment	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	155,406	7,565	8,194	4,425	2,080	13,297	10,275	13,467	10,020
1930.....	133,505	4,774	4,515	4,490	1,223	10,447	7,124	13,280	8,381
1931 <sup>2</sup> .....	98,129	3,195	1,897	3,425	435	8,412	5,324	5,969	4,982
1932-34 <sup>3</sup> .....									
1935.....	123,433	9,942	5,778	2,588	699	6,990	6,054	6,792	2,741
1936.....	171,851	14,034	7,755	3,776	248	12,762	5,927	10,899	2,884
1937.....	214,192	17,838	8,288	4,788	1,573	13,703	9,262	7,810	3,822
1938.....	151,395	13,975	4,307	2,594	1,420	10,772	8,805	6,418	5,243
1939.....	158,373	16,656	5,282	3,909	1,694	11,112	9,514	11,229	3,973
1940.....	202,650	16,191	6,728	3,743	2,056	11,484	12,310	8,424	7,361
1941.....	289,820	37,147	8,565	7,430	2,680	14,469	19,636	12,152	8,517
1942.....	290,088	53,507	6,513	8,043	2,650	18,460	24,649	11,731	8,517
1943.....	85,612	114,784	6,608	8,016	3,477	17,934	23,623	17,747	8,887
1944.....	198,412	145,391	10,675	12,128	4,572	20,896	34,272	21,098	14,153
1945.....	200,166	( <sup>4</sup> )	15,433	13,696	6,120	23,239	44,828	24,612	15,165
1946.....	259,932	( <sup>4</sup> )	27,708	23,983	10,541	22,262	38,487	23,172	18,279
1947.....	435,603	( <sup>4</sup> )	33,546	35,323	16,244	( <sup>4</sup> )	28,198	19,686	20,580
1948.....	598,044	( <sup>4</sup> )	36,899	39,104	25,173	( <sup>4</sup> )	20,603	19,523	24,071
1949.....	644,315	( <sup>4</sup> )	22,675	27,896	31,856	( <sup>4</sup> )	17,535	24,506	23,482

<sup>1</sup> This column has been revised to exclude data for engines, domestic water systems, farm pumps and windmills, lawn mowers, electric lighting plants, wheelbarrows, irrigation equipment, horse and mule shoes, calks and nails, harness and saddlery hardware, stock tanks, barn-door track and hangers, farm gates, sawing machines, shovels, spades, post-hole diggers, etc. Includes tractors for farm and nonfarm use.

<sup>2</sup> All figures for 1931 include exports and domestic sales combined.

<sup>3</sup> Census not taken.

<sup>4</sup> For agricultural, industrial, and military use.

<sup>5</sup> 1941 and later figures for internal combustion engines are not comparable with previous years since some manufacturers reported only engines for agricultural purposes prior to 1941.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 631.—*Deposits of country banks: Index numbers of demand deposits and time deposits, selected groups of States, 1929-49*<sup>1</sup>  
[1924-29=100]

Year	20 leading agricultural States <sup>2</sup>			3 Lake States <sup>3</sup>			5 Corn Belt States <sup>4</sup>			8 cotton-growing States <sup>5</sup>		
	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time
1929.....	102	99	106	102	98	104	100	96	103	96	93	102
1930.....	94	89	101	98	92	100	92	87	97	83	77	93
1931.....	81	75	90	89	81	93	79	73	86	66	60	77
1932.....	64	57	74	72	62	76	60	55	67	49	42	61
1933.....	53	49	59	50	45	52	45	44	47	46	41	55
1934.....	64	66	65	57	59	56	58	54	53	59	59	63
1935.....	( <sup>6</sup> )	( <sup>6</sup> )	69	( <sup>6</sup> )	( <sup>6</sup> )	61	( <sup>6</sup> )	( <sup>6</sup> )	60	( <sup>6</sup> )	( <sup>6</sup> )	70
1936.....	83	94	74	77	94	69	80	93	66	81	92	72
1937.....	90	102	79	86	103	78	89	103	76	88	102	75
1938.....	90	99	82	87	101	80	92	102	81	87	99	77
1939.....	94	106	84	90	109	82	99	112	85	92	106	78
1940.....	102	116	87	97	120	86	109	126	92	96	112	81
1941.....	116	138	92	105	140	89	129	154	102	110	134	84
1942.....	141	184	94	120	179	91	160	207	108	139	186	84
1943.....	201	283	100	159	268	107	224	316	122	196	283	86
1944.....	257	365	120	201	333	137	290	413	154	247	360	102
1945.....	329	462	156	254	404	181	368	516	203	328	478	136
1946.....	395	556	187	311	494	222	442	618	244	395	577	165
1947.....	410	565	204	319	480	242	461	634	267	399	570	182
1948.....	418	574	210	324	488	245	466	637	276	406	578	187
1949.....	413	562	212	318	473	243	463	626	279	398	559	190

  

Year	3 Delta States <sup>7</sup>			Texas-Oklahoma			4 Great Plains States <sup>8</sup>			8 Mountain States <sup>9</sup>		
	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time
1929.....	100	97	106	104	102	119	101	103	98	108	104	113
1930.....	89	82	98	90	86	114	98	99	86	98	91	109
1931.....	67	58	79	74	69	101	87	85	90	85	76	99
1932.....	40	40	62	60	54	90	68	64	73	65	55	79
1933.....	45	38	56	57	52	83	59	57	63	64	47	64
1934.....	59	55	65	70	66	90	73	80	65	62	58	67
1935.....	( <sup>6</sup> )	( <sup>6</sup> )	72	( <sup>6</sup> )	( <sup>6</sup> )	92	( <sup>6</sup> )	( <sup>6</sup> )	63	( <sup>6</sup> )	( <sup>6</sup> )	70
1936.....	81	84	76	80	88	101	88	107	65	87	98	75
1937.....	91	99	79	100	99	107	88	108	63	94	107	78
1938.....	91	97	82	102	100	115	82	99	59	92	103	78
1939.....	96	103	84	107	106	118	85	105	58	98	111	81
1940.....	100	108	88	116	116	118	90	113	60	105	121	85
1941.....	114	130	91	132	134	124	99	129	60	117	139	89
1942.....	148	186	90	161	169	114	127	176	60	141	179	90
1943.....	203	277	92	244	268	100	195	292	63	211	291	101
1944.....	258	354	112	313	347	100	251	382	74	271	376	125
1945.....	342	465	153	417	464	126	316	477	94	345	474	165
1946.....	411	558	193	489	546	141	388	593	111	419	581	197
1947.....	423	561	216	502	560	150	424	650	124	430	596	205
1948.....	439	585	224	527	587	161	430	658	129	440	611	210
1949.....	448	596	228	519	576	172	424	643	131	439	610	211

<sup>1</sup> Based on data reported by member banks of the Federal Reserve System located in places of less than 15,000 population (1940 Census). Annual indexes are simple averages of monthly indexes which are based on average amounts of daily deposits. In preparing indexes for groups of States, the amounts of monthly deposits for each State are weighted by the cash farm income of each State in the base period.

<sup>2</sup> Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, and Wisconsin.

<sup>3</sup> Michigan, Wisconsin, and Minnesota.

<sup>4</sup> Ohio, Indiana, Illinois, Missouri, and Iowa.

<sup>5</sup> North Carolina, South Carolina, Georgia, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma.

<sup>6</sup> Comparable data for demand deposits for 5 months of 1935 are unavailable.

<sup>7</sup> Mississippi, Arkansas, and Louisiana.

<sup>8</sup> North Dakota, South Dakota, Nebraska, and Kansas.

<sup>9</sup> Montana, Colorado, Arizona, Idaho, Nevada, New Mexico, Utah, and Wyoming.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1948, table 622.

TABLE 632.—*Total population and farm population: Total number Jan. 1, 1929–50; births and deaths occurring in the farm population, and number of persons moving to and from farms, United States, 1929–48*<sup>1</sup>

Year	Total population, Jan. 1 <sup>2</sup>	Farm population							
		Number on Jan. 1	Change through natural increase			Change through migration			Change through change in classification of residence
			Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>3</sup>	Departures for nonfarm areas <sup>4</sup>	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1929	121, 136	30, 220	426	750	324	-477	1, 604	2, 081	
1930	122, 440	30, 169	377	721	344	-325	1, 740	2, 065	264
1931	123, 643	30, 485	387	721	334	-79	1, 683	1, 762	235
1932	124, 476	31, 028	398	726	328	+325	1, 544	1, 219	282
1933	125, 223	32, 033	375	701	326	-482	951	1, 435	19
1934	126, 011	31, 945	383	727	344	-415	783	1, 198	-112
1935	126, 865	31, 801	375	707	332	-642	825	1, 467	-157
1936	127, 720	31, 377	363	703	340	-690	719	1, 409	-144
1937	128, 475	30, 906	375	703	328	-529	872	1, 401	-132
1938	129, 355	30, 620	405	709	304	-420	823	1, 243	-125
1939	130, 406	30, 490	410	710	300	-491	805	1, 296	-130
1940	131, 456	30, 269	400	696	296	-681	690	1, 371	
1941	132, 638	29, 988	417	702	285	-1, 357	814	2, 171	
1942	133, 953	29, 048	390	660	270	-2, 779	819	3, 598	
1943	135, 646	26, 650	355	610	255	-1, 493	1, 094	2, 587	
1944	137, 368	25, 521	345	591	246	-676	917	1, 593	
1945	138, 923	25, 190	354	604	250	+1, 306	2, 578	1, 272	
1946	140, 394	26, 850	419	674	255	+281	1, 783	1, 502	
1947	142, 696	27, 550	483	750	267	-593	1, 030	1, 623	
1948	145, 426	27, 440	479	722	243	-143	1, 237	1, 380	
1949	148, 051	27, 776							
1950	150, 161								

<sup>1</sup> Unless otherwise stated, these data are estimates based on information furnished by farm families to the Bureau of Agricultural Economics, adjusted to the census data of 1920, 1930, 1935, and 1940, and since 1944 to the level of farm population of the United States as estimated cooperatively by the Bureau of the Census and the Bureau of Agricultural Economics on the basis of enumerative surveys. Estimates of changes in the farm population from 1930 through 1941 were revised in September 1942; estimates of changes during 1942 were revised in November 1944. For years prior to 1929, see Agricultural Statistics, 1942, table 720 for all figures except those on total population, which have been slightly revised.

<sup>2</sup> Based on estimates of the Bureau of the Census.

<sup>3</sup> For 1940 and subsequent years, includes persons returning directly to farms from the armed forces.

<sup>4</sup> For 1940 and subsequent years, includes (1) inductions and enlistments of men living on farms into the armed forces, and (2) persons who have not moved but who are no longer in the farm population because agricultural operations have ceased on the place where they are living.

<sup>5</sup> Census enumeration as of Jan. 1, 1935.

Bureau of Agricultural Economics.

TABLE 633.—*Farm population, Jan. 1, 1944-49; births and deaths occurring in the farm population, and number of persons moving to and from farms, by geographic divisions, 1944-48*<sup>1</sup>

Division and year	Number on Jan. 1 <sup>2</sup>	Change through natural increase			Change through migration		
		Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>3</sup>	Departures for nonfarm areas <sup>4</sup>
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
New England:							
1944	603	4	12	8	-1	28	29
1945	604	6	13	7	+100	140	40
1946	709	8	15	7	+37	76	39
1947	753	6	15	9	+1	47	46
1948	761	7	16	9	-12	41	53
1949	756						
Middle Atlantic:							
1944	1,539	13	32	19	-17	66	83
1945	1,543	12	31	19	+35	109	74
1946	1,599	19	37	18	-5	90	95
1947	1,623	26	43	17	-18	65	83
1948	1,632	20	36	16	+21	89	68
1949	1,673						
East North Central:							
1944	3,844	40	80	40	-23	181	204
1945	3,886	41	81	40	+70	274	204
1946	4,020	48	93	45	0	258	258
1947	4,077	60	102	42	-83	148	231
1948	4,056	57	99	42	+15	208	193
1949	4,128						
West North Central:							
1944	4,087	60	95	35	-145	128	273
1945	4,016	59	93	34	+97	313	216
1946	4,187	71	106	35	-5	264	269
1947	4,258	70	106	36	-123	134	257
1948	4,220	72	105	33	-38	155	193
1949	4,254						
South Atlantic:							
1944	5,115	78	127	49	-135	119	254
1945	5,011	88	139	51	+427	631	204
1946	5,475	104	153	49	+128	321	193
1947	5,671	116	170	54	-61	160	221
1948	5,714	109	164	55	-2	236	238
1949	5,821						
East South Central:							
1944	4,330	66	107	41	-129	119	248
1945	4,250	65	106	41	+335	487	152
1946	4,621	72	116	44	+94	297	203
1947	4,777	86	139	53	-127	139	266
1948	4,725	101	140	39	-58	150	208
1949	4,768						
West South Central:							
1944	3,858	55	92	37	-200	123	323
1945	3,723	57	96	39	+215	454	239
1946	4,008	68	105	37	+44	308	264
1947	4,128	80	115	35	-150	180	330
1948	4,071	71	102	31	-84	183	267
1949	4,058						
Mountain:							
1944	1,022	15	24	9	-26	71	97
1945	1,016	14	24	10	-28	44	72
1946	1,012	17	26	9	-27	57	84
1947	1,011	21	29	8	-22	71	93
1948	998	22	29	7	-12	63	75
1949	1,008						
Pacific:							
1944	1,123	14	22	8	0	82	82
1945	1,141	12	21	9	+55	126	71
1946	1,219	12	23	11	+15	112	97
1947	1,252	18	31	13	-10	86	96
1948	1,263	20	31	11	+27	112	85
1949	1,310						

<sup>1</sup> Estimates based on the following sources: 1940 Population Census, 1945 Census of Agriculture, current population surveys of the Bureau of the Census, enumerative survey and questionnaire surveys of the Bureau of Agricultural Economics. Revised August 1947.

<sup>2</sup> Estimates of the farm population of major geographic divisions for January 1948 and earlier dates include an allowance for net change through interdivisional farm-to-farm movement in the preceding year.

<sup>3</sup> Includes persons who returned directly to farms from the armed forces.

<sup>4</sup> Includes inductions and enlistments of men living on farms into the armed forces.

<sup>5</sup> Revised.

Bureau of Agricultural Economics. Data for 1940-48 in Agricultural Statistics, 1948, table 624.

TABLE 634.—*Farm population estimates, by States, Jan. 1, 1945*<sup>1</sup>

State and division	Number	State and division	Number	State and division	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
Maine.....	169	Minnesota.....	774	Arkansas.....	836
New Hampshire.....	70	Iowa.....	842	Louisiana.....	632
Vermont.....	101	Missouri.....	907	Oklahoma.....	678
Massachusetts.....	151	North Dakota.....	285	Texas.....	1,577
Rhode Island.....	16	South Dakota.....	268	West South Central.....	3,723
Connecticut.....	97	Nebraska.....	429		
New England.....	604	Kansas.....	511	Montana.....	143
		West North Central.....	4,016	Idaho.....	181
New York.....	635			Wyoming.....	66
New Jersey.....	122	Delaware.....	41	Colorado.....	211
Pennsylvania.....	786	Maryland.....	208	New Mexico.....	158
		Virginia.....	857	Arizona.....	129
Middle Atlantic.....	1,543	West Virginia.....	456	Utah.....	113
Ohio.....	905	North Carolina.....	1,391	Nevada.....	15
Indiana.....	701	South Carolina.....	723		
Illinois.....	808	Georgia.....	1,076	Mountain.....	1,016
Michigan.....	704	Florida.....	259		
Wisconsin.....	768			Washington.....	308
East North Central.....	3,886	South Atlantic.....	5,011	Oregon.....	236
				California.....	597
		Kentucky.....	1,034		
		Tennessee.....	1,043	Pacific.....	1,141
		Alabama.....	1,059		
		Mississippi.....	1,114	United States.....	25,190
		East South Central.....	4,250		

<sup>1</sup> Estimates based on the following sources: 1940 Population Census, 1945 Census of Agriculture, current population surveys of the Bureau of the Census, enumerative survey and questionnaire surveys of the Bureau of Agricultural Economics. Revised August 1947.

Bureau of Agricultural Economics. Data for Jan. 1, 1940-44 in Agricultural Statistics, 1948, table 625.

TABLE 635.—*Farm population, by age and by sex for persons 14 years of age and over, United States, April 1940, and quarterly dates January 1944 to April 1949*<sup>1</sup>

Year and month	Total farm population <sup>2</sup>	Population not in institutions				
		All ages	Under 14 years	14 years and over		
				Both sexes	Male	Female
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1940: April (Census) .....	30,550	30,394	8,940	21,454	11,449	10,005
1944:						
January .....	25,520	25,270	7,710	17,560	8,800	8,760
April .....	25,870	25,630	7,740	17,890	8,940	8,950
July .....	26,220	25,980	8,060	17,890	9,010	8,880
October .....	25,930	25,700	8,000	17,700	8,860	8,840
1945:						
January .....	25,190	24,960	7,730	17,230	8,540	8,690
April .....	25,620	25,390	7,920	17,470	8,660	8,810
July .....	26,260	26,040	8,380	17,660	8,780	8,880
October .....	26,160	25,970	8,230	17,740	8,910	8,830
1946:						
January .....	26,850	26,700	8,100	18,600	9,400	9,200
April .....	27,110	26,960	8,150	18,810	9,650	9,160
July .....	27,780	27,630	8,270	19,360	10,070	9,290
October .....	27,550	27,400	8,170	19,230	9,980	9,250
1947:						
January .....	27,550	27,400	8,200	19,200	10,060	9,140
April .....	28,143	27,991	8,280	19,711	10,324	9,387
July .....	28,780	28,628	8,583	20,045	10,555	9,490
October .....	28,445	28,293	8,593	19,700	10,205	9,495
1948:						
January .....	27,439	27,287	8,291	18,996	9,796	9,200
April .....	27,438	27,336	8,223	19,113	9,941	9,172
July .....	28,350	28,198	8,577	19,621	10,222	9,399
October .....	28,183	28,031	8,513	19,518	10,100	9,418
1949:						
January .....	27,776	27,624	8,315	19,309	9,998	9,311
April .....	28,258	18,106	8,511	19,595	10,155	9,440

<sup>1</sup> Estimates relate to the civilian population. Figures for 1944 through 1949 are based on the current population surveys of the Bureau of the Census; figures for 1940 are based on the Sixteenth Decennial Census of Population.

<sup>2</sup> Includes persons in institutions on farms—a relatively small number.

Bureau of the Census and Bureau of Agricultural Economics. Series Census-BAE.

TABLE 636.—*Civilian population, by age and sex, urban and rural, United States, April 1940, July 1945, and April 1949<sup>1</sup>*

Age and sex	United States			Urban			Rural-nonfarm			Rural-farm		
	1940	1945	1949	1940	1945	1949	1940	1945	1949	1940	1945	1949
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Total.....	130,323	126,058	147,412	73,830	73,903	86,621	26,428	26,379	32,851	30,065	25,777	27,940
Under 14 years....	30,397	32,767	37,963	14,628	16,826	19,809	6,927	7,634	9,534	8,842	8,307	8,620
14 years and over..	99,926	93,291	109,449	59,202	57,077	66,812	19,501	18,745	23,317	21,223	17,470	19,320
14 to 19 years.....	14,609	12,141	12,495	7,652	6,685	6,548	2,925	2,496	2,868	4,032	2,959	3,079
20 to 24 years.....	11,493	7,740	11,543	6,718	4,915	7,163	2,272	1,480	2,534	2,503	1,345	1,846
25 to 44 years.....	39,282	35,527	43,778	24,257	22,235	27,281	7,777	7,189	9,719	7,248	6,103	6,778
45 to 64 years.....	25,745	28,022	30,433	15,617	17,657	19,155	4,638	5,281	5,734	5,490	5,085	5,544
65 years and over..	8,797	9,862	11,200	4,958	5,585	6,665	1,889	2,299	2,462	1,950	1,979	2,073
Male.....	65,200	56,955	72,811	36,009	31,864	41,901	13,354	12,032	16,432	15,837	13,059	14,478
Under 14 years....	15,414	16,659	19,363	7,389	8,484	10,064	3,513	3,850	4,869	4,512	4,325	4,430
14 years and over..	49,786	40,296	53,448	28,620	23,380	31,837	9,841	8,182	11,563	11,325	8,734	10,048
14 to 19 years.....	7,316	5,346	6,110	3,731	2,734	3,086	1,455	1,067	1,380	2,130	1,545	1,644
20 to 24 years.....	5,619	1,773	5,591	3,140	895	3,417	1,109	343	1,210	1,370	535	964
25 to 44 years.....	19,405	14,419	21,299	11,722	8,596	13,086	3,935	3,005	4,840	3,748	2,818	3,373
45 to 64 years.....	13,155	14,032	15,127	7,790	8,656	9,292	2,402	2,654	2,909	2,963	2,722	2,926
65 years and over..	4,291	4,726	5,321	2,237	2,499	2,956	940	1,113	1,224	1,114	1,114	1,141
Female.....	65,123	69,103	74,601	37,821	42,039	44,720	13,074	14,347	16,419	14,228	12,718	13,462
Under 14 years....	14,983	16,108	18,600	7,239	8,342	9,745	3,414	3,784	4,665	4,330	3,982	4,190
14 years and over..	50,140	52,995	56,001	30,582	33,697	34,975	9,660	10,563	11,754	9,898	8,736	9,272
14 to 19 years.....	7,293	6,795	6,385	3,921	3,951	3,462	1,470	1,429	1,488	1,902	1,414	1,435
20 to 24 years.....	5,874	5,967	5,952	3,578	4,020	3,746	1,163	1,137	1,324	1,133	810	882
25 to 44 years.....	19,877	21,108	22,479	12,535	13,639	14,195	3,812	4,184	4,879	3,500	3,285	3,405
45 to 64 years.....	12,590	13,990	15,306	7,827	9,001	9,563	2,236	2,627	2,825	2,527	2,363	2,618
65 years and over..	4,506	5,136	5,879	2,721	3,086	3,709	949	1,186	1,238	836	865	932

<sup>1</sup> Estimates exclude institutional population, which is relatively small. Figures for 1940 include the small numbers then in the armed forces.

Bureau of the Census, Series P-S, No. 19, P-20, No. 26, and records.

TABLE 637.—*Estimated population eating out of civilian food supplies, United States, Jan. 1 and July 1, 1930-50*

Year	Population eating out of civilian supplies		Year	Population eating out of civilian supplies	
	Jan. 1	July 1		Jan. 1	July 1
	Millions	Millions		Millions	Millions
1930.....	123.1	123.8	1941.....	132.9	132.6
1931.....	124.3	124.8	1942.....	133.1	132.3
1932.....	125.2	125.6	1943.....	130.6	129.6
1933.....	126.0	126.3	1944.....	129.5	129.2
1934.....	126.8	127.1	1945.....	129.5	129.8
1935.....	127.6	128.0	1946.....	135.3	139.3
1936.....	128.5	128.9	1947.....	141.9	143.5
1937.....	129.3	129.6	1948.....	145.0	146.2
1938.....	130.2	130.7	1949.....	147.4	148.6
1939.....	131.2	131.7	1950.....	150.1	148.6
1940.....	132.3	132.8			

Bureau of Agricultural Economics. Estimates compiled from data of Federal agencies. The basic population estimates are from the Bureau of the Census, with adjustments for underenumeration of children under 5 years of age in decennial censuses. For January 1, 1941, and subsequent dates, estimates of the civilian population were supplied by the Bureau of the Census. For the period January 1, 1941, through January 1, 1946, an adjustment has been made to allow for members of the armed forces eating out of civilian supplies; the adjustment was originally estimated by OPA on the basis of data from several official sources.

NOTE.—Data in this table are used to estimate the per capita consumption of the food commodities, as shown in numerous other tables in this book.

TABLE 638.—*Farm employment: Average number of persons employed and indexes, United States, 1910-49<sup>1</sup> (revised)*

Year	Total employment		Family workers <sup>2</sup>		Hired workers <sup>3</sup>	
	Average number of persons	Index, 1910-14=100	Average number of persons	Index, 1910-14=100	Average number of persons	Index, 1910-14=100
	1,000 persons		1,000 persons		1,000 persons	
1910.....	12,146	101	9,269	101	2,877	100
1911.....	12,042	100	9,172	100	2,870	99
1912.....	12,038	100	9,149	100	2,889	100
1913.....	12,033	100	9,128	100	2,905	100
1914.....	12,000	99	9,081	99	2,919	101
1915.....	11,981	99	9,047	99	2,934	101
1916.....	12,016	100	9,050	99	2,965	103
1917.....	11,780	98	8,856	97	2,923	101
1918.....	11,348	94	8,507	93	2,841	98
1919.....	11,106	92	8,322	91	2,784	96
1920.....	11,362	94	8,479	93	2,883	100
1921.....	11,412	95	8,511	93	2,901	100
1922.....	11,443	95	8,528	93	2,915	101
1923.....	11,385	94	8,491	93	2,894	100
1924.....	11,362	94	8,488	93	2,874	99
1925.....	11,466	95	8,579	94	2,887	100
1926.....	11,511	96	8,499	93	3,012	104
1927.....	11,243	93	8,288	90	2,955	102
1928.....	11,295	94	8,341	91	2,954	102
1929.....	11,282	94	8,302	91	2,980	103
1930.....	11,161	93	8,329	91	2,832	98
1931.....	11,258	93	8,560	93	2,698	93
1932.....	11,283	94	8,754	96	2,529	87
1933.....	11,347	94	8,861	97	2,486	86
1934.....	11,285	94	8,864	97	2,421	84
1935.....	11,654	97	9,130	100	2,524	87
1936.....	11,688	97	8,977	98	2,711	94
1937.....	11,651	97	8,850	97	2,801	97
1938.....	11,658	97	8,856	97	2,802	97
1939.....	11,723	97	8,915	97	2,808	97
1940.....	11,671	97	8,866	97	2,805	97
1941.....	11,419	95	8,652	94	2,767	96
1942.....	11,458	95	8,689	95	2,769	96
1943.....	11,329	94	8,704	95	2,625	91
1944.....	11,055	92	8,643	94	2,412	83
1945.....	10,813	90	8,548	93	2,265	78
1946.....	11,092	92	8,766	96	2,326	80
1947.....	11,166	93	8,759	96	2,407	83
1948.....	11,080	92	8,595	94	2,485	86
1949.....	10,766	89	8,326	91	2,430	84

<sup>1</sup> Simple averages of monthly employment during the last full calendar week ending at least one day before the end of the month.

<sup>2</sup> Includes farm operators doing one or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

<sup>3</sup> Includes all persons doing one or more hours of farm work during the survey week for pay.

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TABLE 639.—*Farm employment: Average number of persons employed, by geographic divisions, 1945-49*<sup>1</sup> (revised)

Division and year	Total employ- ment	Family workers <sup>2</sup>	Hired workers <sup>3</sup>	Division and year	Total employ- ment	Family workers <sup>2</sup>	Hired workers <sup>3</sup>
	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>		<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>
New England:				East South Central:			
1945.....	232	169	63	1945.....	1,836	1,471	365
1946.....	234	172	62	1946.....	1,888	1,518	370
1947.....	235	171	64	1947.....	1,851	1,482	369
1948.....	232	170	62	1948.....	1,840	1,450	390
1949.....	231	166	65	1949.....	1,815	1,428	387
Middle Atlantic:				West South Central:			
1945.....	632	488	144	1945.....	1,541	1,167	374
1946.....	638	484	154	1946.....	1,603	1,223	380
1947.....	637	481	156	1947.....	1,603	1,204	399
1948.....	628	473	155	1948.....	1,605	1,183	422
1949.....	623	463	160	1949.....	1,545	1,155	390
East North Central:				Mountain:			
1945.....	1,562	1,324	238	1945.....	406	283	123
1946.....	1,599	1,352	247	1946.....	408	287	121
1947.....	1,597	1,350	247	1947.....	420	292	128
1948.....	1,593	1,335	258	1948.....	414	283	131
1949.....	1,542	1,282	260	1949.....	409	273	136
West North Central:				Pacific:			
1945.....	1,838	1,588	250	1945.....	553	307	246
1946.....	1,897	1,629	268	1946.....	559	307	252
1947.....	1,940	1,657	283	1947.....	571	310	261
1948.....	1,907	1,627	280	1948.....	570	308	262
1949.....	1,816	1,552	264	1949.....	554	297	257
South Atlantic:				United States:			
1945.....	2,213	1,751	462	1945.....	10,813	8,548	2,265
1946.....	2,266	1,794	472	1946.....	11,092	8,766	2,326
1947.....	2,312	1,812	500	1947.....	11,166	8,759	2,407
1948.....	2,291	1,766	525	1948.....	11,080	8,595	2,485
1949.....	2,221	1,710	511	1949.....	10,756	8,326	2,430

<sup>1</sup> Simple averages of monthly employment during the last full calendar week ending at least one day before the end of the month.

<sup>2</sup> Includes farm operators doing one or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

<sup>3</sup> Includes all persons doing one or more hours of farm work during the survey week for pay.

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TABLE 640.—*Farm-wage rates (old series): Averages, by classes, and index numbers, United States, 1910-48<sup>1</sup> (revised)*

Year	Per month		Per day		Index numbers of composite wage rates <sup>2</sup>	Year	Per month		Per day		Index numbers of composite wage rates <sup>2</sup>
	With board	Without board	With board	Without board			With board	Without board	With board	Without board	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>			<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1910.....	21.00	28.00	1.05	1.35	96	1930.....	37.50	48.00	1.80	2.15	175
1911.....	21.50	28.00	1.05	1.35	98	1931.....	28.50	38.00	1.30	1.65	133
1912.....	22.00	29.50	1.10	1.40	102	1932.....	20.50	29.00	.95	1.20	100
1913.....	22.50	30.00	1.15	1.40	104	1933.....	18.00	25.50	.90	1.15	89
1914.....	22.50	29.50	1.10	1.35	102	1934.....	20.00	28.00	1.00	1.25	100
1915.....	22.50	30.00	1.10	1.40	102	1935.....	22.00	30.50	1.10	1.35	110
1916.....	25.00	33.00	1.25	1.50	112	1936.....	24.00	32.50	1.20	1.45	118
1917.....	31.00	40.50	1.55	1.90	141	1937.....	27.50	36.50	1.35	1.65	133
1918.....	37.50	48.50	2.05	2.45	177	1938.....	27.00	36.00	1.30	1.55	129
1919.....	43.00	56.00	2.40	2.90	206	1939.....	27.00	36.00	1.25	1.55	129
1920.....	51.00	65.00	2.80	3.30	241	1940.....	27.50	37.50	1.30	1.60	131
1921.....	33.50	44.50	1.65	2.05	156	1941.....	34.50	44.50	1.65	1.95	160
1922.....	33.00	43.50	1.65	2.00	154	1942.....	45.50	59.00	2.20	2.55	208
1923.....	37.50	47.50	1.95	2.35	177	1943.....	59.00	77.00	2.90	3.30	274
1924.....	38.00	49.00	1.95	2.40	181	1944.....	71.00	91.00	3.50	3.95	328
1925.....	38.50	49.00	2.00	2.35	183	1945.....	79.00	101.00	3.85	4.35	366
1926.....	39.50	50.00	2.00	2.40	185	1946.....	86.00	108.00	4.20	4.80	399
1927.....	39.50	50.00	2.00	2.35	185	1947.....	92.00	117.00	4.50	5.10	424
1928.....	39.50	50.00	2.00	2.30	185	1948.....	99.00	124.00	4.80	5.40	445
1929.....	40.00	51.00	2.00	2.30	187						

<sup>1</sup> Weighted averages of quarterly reports. This "old series" is not compiled after 1948. See table 641 for "new series."

<sup>2</sup> Calendar years 1910-14 = 100.

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TABLE 641.—*Farm-wage rates (new series): Averages, by classes, and index numbers, by geographic divisions, 1948 and 1949<sup>1</sup>*

Year and division	Per month		Per week		Per day			Per hour		Index numbers of composite wage rates <sup>2</sup>
	With board and room	With house	With board and room	Without board or room	With board and room	With house	Without board or room	With house	Without board or room	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
<b>1948</b>										
New England.....	105.00	136.00	28.25	38.25	-----	-----	6.60	-----	0.92	471
Middle Atlantic.....	99.00	129.00	26.25	36.25	-----	-----	6.20	-----	.83	448
East North Central.....	97.00	121.00	-----	-----	4.85	-----	6.00	-----	.84	450
West North Central.....	104.00	128.00	-----	-----	5.50	-----	6.90	-----	.88	467
South Atlantic.....	-----	-----	-----	-----	-----	3.45	3.85	.46	.53	492
East South Central.....	-----	-----	-----	-----	-----	2.85	3.35	.39	.49	416
West South Central.....	-----	-----	-----	-----	-----	3.80	4.45	.48	.57	453
Mountain.....	127.00	161.00	-----	-----	-----	-----	6.80	-----	.84	431
Pacific.....	148.00	188.00	-----	-----	-----	-----	-----	.93	1.00	454
United States.....	101.00	122.00	24.50	30.50	4.50	3.50	4.45	.64	.73	445
<b>1949</b>										
New England.....	101.00	129.00	26.75	37.50	-----	-----	6.50	-----	.85	452
Middle Atlantic.....	96.00	127.00	25.25	34.75	-----	-----	6.10	-----	.80	433
East North Central.....	94.00	120.00	-----	-----	4.80	-----	5.90	-----	.81	440
West North Central.....	102.00	124.00	-----	-----	5.40	-----	6.70	-----	.86	456
South Atlantic.....	-----	-----	-----	-----	-----	3.35	3.95	.45	.49	481
East South Central.....	-----	-----	-----	-----	-----	2.85	3.45	.38	.43	403
West South Central.....	-----	-----	-----	-----	-----	4.05	4.65	.49	.57	458
Mountain.....	123.00	156.00	-----	-----	-----	-----	6.50	-----	.82	422
Pacific.....	148.00	192.00	-----	-----	-----	-----	-----	.87	.93	425
United States.....	99.00	121.00	23.75	30.75	4.45	3.50	4.45	.63	.68	429

<sup>1</sup> These new series of wage rates are not directly comparable to those previously published and are not available for any period prior to 1948. Certain wage rates are not estimated for some regions because they are relatively unimportant there.

<sup>2</sup> Calendar years 1910-14 = 100.

Bureau of Agricultural Economics. United States data for 1948 on the old basis (no longer used) in table 640. Wage-rate data from interview surveys for March, May, and September 1945 in Agricultural Statistics 1948, tables 637 and 639; and for July 1946, January 1947, and April and September 1948 in Agricultural Statistics 1949, tables 639-641.

**TABLE 642.—Return per hour to all labor and total labor used per farm on common sizes of commercial family-operated farms by type and location, averages 1930-34, 1935-39, 1940-44, annual 1948 and 1949<sup>1</sup>**

Type of farm and location	Return per hour to all labor used					Total labor used per farm				
	1930-34	1935-39	1940-44	1948	1949	1930-34	1935-39	1940-44	1948	1949
<b>Dairy farms:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Central New York.....	0.13	0.19	0.48	1.08	0.84	4,721	4,726	5,013	5,141	5,062
Southern Wisconsin.....	.03	.21	.57	1.25	1.00	4,732	4,730	5,246	5,309	5,278
<b>Corn belt farms:</b>										
Cash grain.....	.07	.29	.82	1.62	1.07	4,550	4,192	4,074	3,842	3,819
Hog-beef fattening.....	.00	.25	.69	1.61	1.30	5,166	4,986	4,778	4,624	4,736
Hog-beef raising.....	.02	.19	.53	1.25	.94	4,046	3,825	3,848	3,758	3,795
Hog-dairy.....	.09	.23	.46	1.02	.81	5,084	5,053	5,455	5,267	5,110
<b>Spring wheat farms:</b>										
(Northern Plains)										
Wheat-corn-livestock.....	.00	.19	.70	1.64	.75	3,930	3,486	3,920	3,386	3,425
Wheat-small grain-livestock.....	.00	.16	.67	1.65	.95	3,811	3,316	3,643	3,039	3,031
Wheat-roughage-livestock.....	.00	.12	.61	1.57	.64	4,237	3,405	4,088	3,752	3,676
<b>Winter wheat farms:</b>										
(Southern Plains)										
Wheat.....	.03	.17	1.21	2.67	1.25	3,161	2,700	2,889	2,628	2,688
Wheat-grain sorghum.....	.03	.26	1.39	2.85	2.22	3,001	2,678	3,056	2,974	2,989
<b>Cotton farms:</b>										
Southern Plains.....	.10	.27	.66	1.11	1.51	4,117	3,678	3,934	3,233	3,819
Black Prairie.....	.13	.22	.38	.66	.68	4,696	4,181	4,118	4,340	5,066
Delta of Mississippi.....	.12	.21	.40	.76	.44	2,941	3,503	3,374	3,769	3,898
Cattle ranches: Inter-mountain.....	.00	.14	.56	1.47	1.04	5,654	4,990	5,034	4,649	5,001

<sup>1</sup> The farm in each group for which the return to labor is shown is the average of the most common sizes of farms of the type in the general region indicated. The averages are thus not affected by the activities of operators on farms larger or smaller than the group described, nor by production, prices, and costs of other groups of commodities than those common to the types indicated. Return to labor is the sum available for all labor (family, operator, and hired) after production expenditures other than labor have been met and appropriate credit has been made for the use of capital (land, buildings, machinery, equipment, and supplies) employed in the farm business. The hours of labor worked are quite different as between types, and hours are also influenced by labor-saving machinery used.

Bureau of Agricultural Economics.

**TABLE 643.—Number of different persons who worked on farms for wages, and average days worked, by sex and veteran status for males, United States, 1945, 1947, 1948, and 1949**

Sex and veteran status for males	Estimated number of workers <sup>1</sup>				Average days of hired farm work in year			
	1945	1947	1948	1949	1945	1947	1948	1949
	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Total farm wage workers.....	3,212	3,394	3,752	4,140	96	106	104	90
Male workers.....	2,375	2,587	2,820	3,021	116	126	124	109
Veterans (World War II).....	157	498	474	489	( <sup>2</sup> )	126	129	114
Nonveterans.....	2,218	2,089	2,346	2,532	( <sup>2</sup> )	126	123	108
Female workers.....	837	807	932	1,119	40	43	45	40

<sup>1</sup> Estimates relate to persons 14 years of age and over, in the civilian non-institutional population at the end of the year, who did farm work for wages at some time during the year. Allowances for groups not covered in the surveys (children under 14 years of age, imported foreign workers, and other groups) would raise the estimates of the total number of different persons who worked on farms for wages to 4,189,000 in 1945, 4,064,000 in 1947, 4,532,000 in 1948, and 5,090,000 in 1949.

<sup>2</sup> Not available.

Bureau of Agricultural Economics. Based on data from enumerative sample surveys made by the Bureau of the Census for the Bureau of Agricultural Economics.

TABLE 644.—Commodity goals, with comparisons: Principal crops, livestock, and livestock products, United States, average 1937-41, annual 1944-49

Principal crops	Planted acreage													
	Average 1937-41 (actual)	1944		1945		1946		1947		1948		1949		
		Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual (revised)	Goal	Actual (prelim.)	
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	
Food grains and pulses:														
Wheat, all	69,425	67,030	66,190	67,731	69,130	69,875	71,536	70,700	78,169	75,095	78,924	71,850	84,931	
Rye <sup>1</sup>	3,702	2,408	2,132	2,515	1,856	2,572	1,607	2,374	2,010	2,458	2,096	2,478	1,558	
Rice	1,118	1,525	1,503	1,405	1,507	1,479	1,586	1,520	1,703	1,660	1,802	1,600	1,839	
Dry beans	1,975	3,048	2,155	2,277	1,656	2,101	1,697	2,150	1,839	2,169	1,970	1,800	1,900	
Dry peas	286	895	752	457	549	588	521	478	551	517	309	350	367	
Feed grains and forage:														
Corn	91,763	100,253	95,475	99,098	89,727	97,760	89,788	91,550	86,108	90,700	86,828	85,900	87,910	
Oats <sup>2</sup>	39,715	39,558	43,804	44,259	45,889	45,668	46,549	44,669	42,301	43,940	44,526	44,750	44,525	
Barley <sup>3</sup>	14,315	17,372	14,337	13,911	11,718	13,400	11,527	13,084	12,102	12,625	13,228	13,500	11,208	
Grain sorghums	<sup>3</sup> 9,838													
Sorghums for grain <sup>1</sup>	5,353					6,773	7,500	5,629	7,670	7,296	7,020	6,612		
All sorghums, except sirup	17,095	16,740	18,271	17,155	15,753	17,093	14,572	16,000	11,585	14,938	13,694	13,704	11,664	
Oil and fiber crops:														
Soybeans for beans <sup>1</sup>	4,126	13,654	10,232	10,757	10,661	10,700	9,806	11,244	11,212	10,546	10,430	10,273	9,912	
Flaxseed <sup>2</sup>	2,305	5,895	2,887	5,000	3,953	4,318	2,641	5,000	4,161	4,326	5,001	3,022	5,199	
Peanuts, alone	2,363	6,158	3,831	3,955	3,844		3,917		4,112		3,920		2,929	
Peanuts, picked and threshed <sup>1</sup>	1,818	4,964	3,068	3,230	3,160	2,500	3,142	2,839	3,380	2,839	3,311	<sup>4</sup> 2,629	2,433	
Cotton, in cultivation July 1	26,358	22,277	19,990	20,507	17,562	20,200	18,251	23,100	21,611	21,894	23,264	21,894	27,719	
Hemp, fiber and seed	<sup>3</sup> 4	271	73						5.8		3.4		4.9	
Flax, fiber	6	12	11						5.7		2.4		3.4	
Broomcorn	330	414	406	370	318	323	331		252		211		262	
Sugar crops:														
Sugar beets <sup>2</sup>	912	951	633	951	776	1,032.5	904	1,069	968	<sup>(5)</sup>	799	<sup>(5)</sup>	769	
Sugarcane, except sirup <sup>1</sup>	291	333	294	337	290	327	311	327	321	<sup>(5)</sup>	335	<sup>(5)</sup>	338	
Vegetables:														
Potatoes <sup>2</sup>	2,913	3,519	2,885	3,137	2,766	2,771.4	2,645	2,517	2,136	2,352.4	2,137	1,938	1,924	
Sweetpotatoes	737	1,056	732	841	677	761.2	682	803	611	618	521	607	548	
Truck crops (25) for fresh market <sup>1</sup>	<sup>6</sup> 1,725	1,688	1,879	1,683	1,893	<sup>7</sup> 1,846	<sup>7</sup> 1,981	<sup>7</sup> 1,985	<sup>7</sup> 1,831	<sup>7</sup> 1,850	<sup>7</sup> 1,747	<sup>7</sup> 1,743	<sup>7</sup> 1,730	
Truck crops (11) for processing	1,496	2,210	2,096	2,155	2,093	<sup>8</sup> 2,004	<sup>8</sup> 2,183	<sup>8</sup> 1,953	<sup>8</sup> 1,998	<sup>8</sup> 1,826	<sup>8</sup> 1,793	<sup>8</sup> 1,701	<sup>8</sup> 1,782	
Tobacco: <sup>1</sup>														
Flue-cured	925.4	1,023	1,017	1,042	1,079	1,161.9	1,189	1,247	1,161	<sup>9</sup> 909	884	<sup>9</sup> 961	935	
Burley	395.5	480	497	503	512	476.6	489	424	421	<sup>9</sup> 465	432	<sup>9</sup> 469	453	
Other domestic	293.1	247	237	258	231	269.3	286	288	271	<sup>10</sup> 258	239	<sup>10</sup> 240	242	
Hay and seed crops: <sup>1</sup>														
All tame hay <sup>11</sup>	58,046	62,838	62,417	62,862	62,485	61,313	60,312	61,110	60,669	60,813	58,524	62,032	57,917	
Cover-crop seeds <sup>12</sup>	209	362	365	344	344	406.2	365	414	388	581	384	546	1,029	
Hay seeds <sup>13</sup>	3,444	4,868	5,378	4,899	4,406	5,725.5	5,125	6,515	4,278	6,430	4,133	6,655	4,183	

Livestock and livestock products	Unit	Average 1937-41 (actual)	1944		1945		1946		1947		1948		1949	
			Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual (re- vised)	Goal	Actual (pre- lim.)
Cattle and calves on farms (Dec. 31).....	Thousands.....	69, 473	76, 842	85, 573	77, 306	82, 434	78, 788	81, 207	78, 500	78, 126	78, 047	78, 298	80, 277	
Cattle and calves slaughtered.....	do.....	24, 643	33, 700	34, 086	35, 000	35, 336			34, 500	36, 088	32, 000	31, 514	32, 000	30, 134
Dressed weight.....	Mil. pounds.....	8, 220	11, 824	10, 853	11, 543	11, 940				12, 027	10, 800	10, 491		10, 770
Beef cattle on farms (Dec. 31).....	Thousands.....	32, 863		44, 724	36, 900	43, 341		42, 739		40, 951		41, 770		43, 012
Beef cows on farms (Dec. 31).....	do.....	10, 948		16, 456		16, 319		16, 469		15, 641		15, 982	(15)	16, 786
Milk cows on farms (average for year).....	do.....	23, 563	26, 148	25, 775	26, 363	25, 329		24, 475		24, 418		23, 825		22, 741
Milk production on farms.....	Mil. pounds.....	107, 855	121, 237	117, 992	120, 582	121, 504	120, 824	119, 713	120, 406	119, 065	120, 000	115, 527	120, 000	119, 136
Sows to farrow:														
Spring.....	Thousands.....	7, 534	10, 325	9, 246	9, 569	8, 298	8, 304	8, 109	9, 162	8, 652	7, 984	7, 964	9, 490	9, 150
Fall.....	do.....	4, 802	6, 898	4, 882	5, 814	5, 426	4, 953	4, 713	5, 389	4, 907	5, 553	5, 158		5, 726
Pigs saved:														
Spring.....	do.....	46, 801	62, 982	55, 754	57, 563	52, 189	51, 651	52, 392	58, 000	52, 802	50, 000	51, 266		59, 039
Fall.....	do.....	30, 428	42, 699	30, 905	37, 000	34, 593	31, 551	30, 548	35, 000	31, 345	34, 400	33, 921		37, 262
Hogs slaughtered.....	do.....	65, 642	104, 000	98, 068	78, 200	71, 891		76, 244		74, 710		71, 936		75, 293
Pork production, excluding lard.....	Mil. pounds.....	8, 573	13, 520	13, 304	10, 322	10, 697		11, 173		10, 601		10, 205		10, 393
Lard production.....	do.....	1, 942	3, 120	3, 054		2, 066		2, 138		2, 426		2, 356		2, 552
All sheep and lambs on farms (Dec. 31).....	Thousands.....	52, 930	51, 901	46, 520	49, 136	42, 436	45, 624	37, 818		34, 827		31, 654		30, 797
Stock sheep and lambs on farms (Dec. 31).....	do.....	46, 698		39, 609		35, 599		32, 125	32, 542	29, 976	30, 500	27, 651	30, 500	27, 064
Sheep shorn.....	do.....	45, 680		43, 165		38, 763		34, 718		31, 241		29, 060		26, 972
Wool production (shorn).....	1,000 pounds.....	367, 445		338, 318		307, 949		280, 487		252, 798		233, 924		216, 950
Sheep and lambs slaughtered.....	Thousands.....	21, 874	22, 000	25, 355	21, 500	24, 639		22, 814		18, 766		17, 439		13, 872
Dressed weight.....	Mil. pounds.....	884	880	1, 024	860	1, 054		970		802		750		607
Chickens raised, farm production <sup>10</sup> .....	Thousands.....	665, 430	892, 983	832, 063	745, 800	914, 793	679, 156	745, 802	677, 110	745, 401	690, 104	746, 302	700, 000	637, 372
Commercial broiler production.....	do.....	118, 046	208, 805	264, 999	213, 000	345, 598		275, 600		295, 333		487, 089		355, 785
Hens and pullets on farms (Jan. 1).....	do.....	376, 566	527, 012	523, 587	475, 000	473, 880	407, 993	474, 233	435, 000	435, 665	400, 000	426, 465	425, 000	412, 997
Egg production on farms.....	Mil. dozens.....	3, 256	4, 597	4, 878	4, 350	4, 655	3, 909	4, 632	4, 200	4, 604	4, 200	4, 596		4, 698
Turkeys raised, farm production.....	Thousands.....	30, 636	32, 079	35, 616	35, 666	44, 221	38, 074	40, 724	40, 378	35, 010	30, 507	31, 788	35, 100	41, 965

<sup>1</sup> Harvested acreage.

<sup>2</sup> Includes acreage planted in fall of preceding year for harvesting in spring of year shown.

<sup>3</sup> Short-time average. Estimates on grain sorghums for all purposes were discontinued in 1941 for all States, except Texas and New Mexico.

<sup>4</sup> Acreage allotments in effect.

<sup>5</sup> Sugar Act of 1948 applicable.

<sup>6</sup> Actual acreage excludes asparagus harvested for processing in California for 1937 and 1938, plus certain other States from 1939 to date; and cabbage harvested for sauerkraut for all years.

<sup>7</sup> Excludes artichokes, cauliflower, eggplant, escarole, kale, and shallots for 1946; artichokes, escarole, and kale for 1947; asparagus, Honey Ball melons, winter cucumbers, and all eggplant, except winter for 1948; and artichokes, asparagus, winter cucumbers, eggplant, Honey Ball and spring Honey Dew melons for 1949.

<sup>8</sup> Excludes pimientos.

<sup>9</sup> Marketing quotas.

<sup>10</sup> 1948 includes marketing quotas of 78,000 and 33,000 acres respectively for fire-cured and dark air-cured, except for Virginia sun-cured type; and all non-quota types, except types 56 and 72 for which no goals were suggested nor

quotas established. 1949 includes marketing quotas of 65,300 and 30,100 acres respectively for fire-cured and dark air-cured, except for Virginia sun-cured types; suggested goals of 42,300 and 3,100 acres for non-quota types in Maryland and Virginia respectively; and the 1948 actual acres harvested for cigar types.

<sup>11</sup> Actual acreages are the difference between B.A.E. estimates of "all hay" for U.S. and "wild hay" for 22 States for which estimates are published.

<sup>12</sup> Includes Austrian winter peas; hairy, common and Willamette vetch; crimson clover, and common ryegrass for all years, plus other kinds for which goals were set, varying by years.

<sup>13</sup> Includes alfalfa; red, alsike, and sweet clover; and lespedeza for all years, plus other kinds for which goals were set, varying by years.

<sup>14</sup> Marketing year, beginning with July, 1948.

<sup>15</sup> Not less than 15.5 million Jan. 1, 1949.

<sup>16</sup> Excludes commercial production and young chickens lost.

Production and Marketing Administration. Compiled as follows: Goal data from records of the Production and Marketing Administration; actual data from records of Bureau of Agricultural Economics. Data for 1942 in Agricultural Statistics, 1947, table 618; for 1943 in Agricultural Statistics, 1948, table 640.

TABLE 645.—*Planted acreage of principal crops, United States, 1929-49*

Year	Corn, all	Oats <sup>1</sup>	Bar- ley <sup>1</sup>	Sor- ghums <sup>2</sup>	Wheat			Buck- wheat	Rice	Flax- seed <sup>1</sup>
					Win- ter <sup>3</sup>	Spring	All <sup>4</sup>			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	99,130	40,534	14,703	8,830	44,145	23,032	67,177	671	860	3,386
1930.....	103,915	42,008	13,581	9,447	45,248	22,311	67,559	635	966	4,481
1931.....	109,364	44,483	13,820	10,685	45,915	20,548	66,463	538	965	3,773
1932.....	113,024	45,549	14,555	12,070	43,628	22,653	66,281	476	874	2,720
1933.....	109,830	43,774	14,200	12,602	44,802	24,207	69,009	487	798	1,837
1934.....	100,563	40,467	12,024	14,612	44,836	19,228	64,064	510	812	1,609
1935.....	99,974	43,599	13,956	16,492	47,436	22,175	69,611	524	817	2,419
1936.....	101,969	41,924	12,837	13,555	49,986	23,984	73,970	417	981	2,572
1937.....	97,174	39,827	12,346	13,001	57,845	22,969	80,814	442	1,116	1,330
1938.....	94,473	39,390	12,171	15,561	56,464	22,517	78,981	466	1,076	1,032
1939.....	91,639	38,203	15,513	17,863	46,154	16,648	62,802	401	1,045	2,339
1940.....	88,692	39,315	15,680	21,208	43,536	18,284	61,820	420	1,090	3,364
1941.....	86,837	41,841	15,857	18,800	40,045	16,692	62,707	355	1,263	3,462
1942.....	88,818	43,018	19,686	16,082	38,855	14,145	53,000	403	1,490	4,698
1943.....	94,341	43,467	17,474	17,726	38,515	17,469	55,984	528	1,517	6,182
1944.....	95,475	43,804	14,337	18,458	46,821	19,369	66,190	539	1,503	2,887
1945.....	89,727	45,889	11,718	15,912	50,415	18,715	69,130	487	1,507	3,953
1946.....	86,788	46,549	11,527	14,749	52,195	19,341	71,536	416	1,586	2,641
1947.....	86,106	42,301	12,102	11,746	58,133	20,036	78,169	559	1,703	4,161
1948.....	86,828	44,526	13,228	13,804	58,871	20,053	78,924	354	1,802	5,001
1949 <sup>5</sup> .....	87,910	44,526	11,208	11,754	62,372	22,559	84,931	291	1,839	5,199

  

Year	Cotton <sup>6</sup>	Beans, dry, edible	Peas, dry, field	Pota- toes <sup>1</sup>	Sweet- pota- toes	Sugar beets <sup>1</sup>	Har- vested acreage of 36 crops <sup>6</sup>	52 crops planted or grown <sup>7</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	44,448	1,924	250	3,068.0	647	772	76,628	363,028
1930.....	43,329	2,266	295	3,189.7	670	821	75,787	369,550
1931.....	39,110	2,145	312	3,550.1	854	760	73,767	370,589
1932.....	36,494	1,625	257	3,636.0	1,059	812	76,036	375,471
1933.....	40,248	1,895	294	3,496.4	907	1,036	72,710	373,124
1934.....	27,860	1,985	330	3,789.3	968	945	68,426	338,965
1935.....	28,063	2,087	370	3,557.7	944	809	78,667	361,889
1936.....	30,627	1,950	296	3,126.9	774	855	74,586	360,239
1937.....	34,090	1,911	276	3,118.8	770	813	75,992	363,020
1938.....	25,018	1,759	225	2,944.3	795	985	79,300	354,266
1939.....	24,683	1,876	238	2,867.4	735.0	993	81,448	342,645
1940.....	24,871	2,079	314	2,885.7	651.7	971	84,455	347,826
1941.....	23,130	2,250	379	2,749.1	730.9	796	86,498	347,655
1942.....	23,302	2,102	518	2,755.1	688.0	1,048	93,713	351,320
1943.....	21,900	2,509	825	3,354.7	869.7	619	94,148	361,534
1944.....	19,990	2,155	752	2,884.7	732.1	633	94,828	365,168
1945.....	17,588	1,656	549	2,765.7	677.3	776	94,575	356,910
1946.....	18,251	1,697	521	2,644.6	682.2	904	91,258	354,750
1947.....	21,611	1,839	551	2,135.5	611.0	968	94,080	358,644
1948.....	23,264	1,970	309	2,136.6	520.6	799	90,322	363,788
1949 <sup>5</sup> .....	27,719	1,900	367	1,923.6	548.0	769	88,777	369,660

<sup>1</sup> Includes acreage planted in preceding fall for harvest in the year shown.<sup>2</sup> Grain and sweet sorghums for all uses, including sirup.<sup>3</sup> Acreage seeded in preceding fall.<sup>4</sup> Preliminary.<sup>5</sup> Acreage in cultivation July 1.

<sup>6</sup> Includes harvested acreage of the following crops: Rye, hay (including tame and wild), sweet-clover seed, timothy seed, soybeans for beans, cowpeas for peas, peanuts picked and threshed, tobacco, sugarcane, broomcorn, and 21 truck crops (11 for processing:—asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes; 19 for market: artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloupes, including Honey Dew, Honey Ball, and miscellaneous melons, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons). Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. The harvested instead of the planted acreage of rye is included because most of the rye acreage not harvested is planted to other crops or used for pasture. Excludes grains cut for hay because part of the acreage shown as planted to wheat, oats, and barley is included in grain hay.

<sup>7</sup> Includes crops listed separately in this table, plus those mentioned in footnote 6. (Sorghums counted as 2 crops, grain and sweet.)

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TABLE 646.—*Harvested acreage (average 1938-47) and value of production of principal crops, by States, annual 1947-49*

State and division	Harvested acreage of 52 crops (excluding duplications) <sup>1</sup>				Farm value of 72 crops <sup>1</sup>		
	Average 1938-47	1947	1948	1949 <sup>2</sup>	1947	1948	1949 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,214	1,187	1,188	1,174	121,929	146,199	115,100
New Hampshire.....	397	400	393	383	15,477	17,679	18,252
Vermont.....	1,117	1,140	1,149	1,153	44,727	55,387	60,633
Massachusetts.....	447	444	443	444	56,034	56,991	53,712
Rhode Island.....	51	51	51	50	5,644	5,357	4,918
Connecticut.....	381	384	379	374	61,453	61,535	59,053
New York.....	6,456	6,110	6,488	6,396	349,195	401,166	368,733
New Jersey.....	799	802	804	796	104,829	104,151	88,641
Pennsylvania.....	6,067	5,929	5,965	5,984	368,486	328,756	317,349
North Atlantic.....	16,931	16,448	16,858	16,755	1,127,774	1,177,221	1,086,391
Ohio.....	10,224	10,156	10,821	10,850	610,089	614,775	545,984
Indiana.....	10,408	10,678	11,226	11,221	705,545	644,038	539,734
Illinois.....	19,356	19,797	20,802	20,893	1,278,331	1,231,996	1,074,720
Michigan.....	7,841	7,818	8,321	8,321	426,741	418,624	414,364
Wisconsin.....	10,336	10,335	10,270	10,297	579,602	467,715	442,230
Minnesota.....	18,921	18,789	19,182	19,436	944,396	840,152	680,027
Iowa.....	21,297	21,448	22,332	22,587	1,054,216	1,277,465	991,923
Missouri.....	12,425	12,134	13,311	13,549	498,309	633,027	525,497
North Dakota.....	19,000	21,434	21,206	20,482	731,804	593,782	416,251
South Dakota.....	15,268	17,250	17,606	17,715	539,458	486,380	290,422
Nebraska.....	19,253	19,341	19,007	18,803	691,922	669,554	525,486
Kansas.....	21,960	23,588	21,818	22,562	898,205	720,570	518,049
North Central.....	186,189	192,769	195,902	196,717	8,958,618	8,598,078	6,964,687
Delaware.....	385	400	402	402	24,620	20,045	19,211
Maryland.....	1,654	1,665	1,686	1,678	117,575	105,495	101,453
Virginia.....	3,791	3,678	3,790	3,690	289,663	310,201	273,404
West Virginia.....	1,381	1,308	1,291	1,270	68,635	65,873	57,352
North Carolina.....	6,315	6,332	6,044	6,195	772,997	757,304	673,598
South Carolina.....	4,664	4,417	4,184	4,398	330,940	339,072	274,726
Georgia.....	8,157	7,358	7,202	7,305	458,065	438,058	366,546
Florida.....	1,213	1,202	1,207	1,184	208,908	270,230	305,531
South Atlantic.....	27,560	26,360	25,806	26,121	2,271,403	2,306,278	2,071,820
Kentucky.....	5,275	5,142	5,217	5,313	436,792	432,212	387,802
Tennessee.....	6,046	5,750	5,751	5,698	402,004	383,953	341,767
Alabama.....	6,482	5,810	5,873	5,884	362,709	397,186	299,474
Mississippi.....	6,727	6,181	6,240	6,136	475,788	575,381	372,531
Arkansas.....	6,137	5,942	6,030	6,040	410,323	525,460	410,131
Louisiana.....	3,829	3,385	3,449	3,395	258,360	295,686	257,158
Oklahoma.....	13,226	13,794	13,322	13,256	464,788	423,100	355,465
Texas.....	27,203	28,731	27,840	30,141	1,451,913	1,148,516	1,521,737
South Central.....	74,925	74,737	73,722	75,857	4,260,672	4,181,494	3,976,065
Montana.....	7,363	8,483	8,965	8,615	275,600	303,047	221,824
Idaho.....	3,226	3,487	3,495	3,632	255,594	244,474	214,992
Wyoming.....	1,840	1,941	1,905	2,032	73,161	66,097	65,612
Colorado.....	5,965	6,571	7,016	7,280	365,040	312,132	293,223
New Mexico.....	1,610	1,712	1,646	1,830	90,490	87,307	90,068
Arizona.....	1,748	1,558	1,975	1,054	119,888	153,679	163,657
Utah.....	1,121	1,164	1,241	1,280	80,870	79,560	74,838
Nevada.....	461	484	506	510	16,377	22,219	18,644
Washington.....	3,886	4,215	4,202	4,147	348,061	369,665	274,597
Oregon.....	2,745	2,903	3,018	2,980	207,059	221,554	193,285
California.....	6,138	6,775	7,039	7,232	1,309,540	1,326,169	1,222,649
Western.....	35,104	38,592	40,008	40,592	3,141,680	3,185,912	2,833,389
United States.....	340,709	348,907	<sup>3</sup> 352,297	<sup>3</sup> 356,041	19,760,147	19,448,983	16,932,352

See footnotes on page 592.

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TABLE 647.—Harvested acreage of principal crops, United States, 1929-49

Year	Corn, all	Oats	Barley	Sor- ghums for grain	Total, 4 feed grains	Wheat	Rye	Buck- wheat	Rice	Total, 4 food grains	Flax- seed	Cot- ton
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	97,805	38,153	13,564	3,523	153,045	63,392	3,138	629	860	68,019	3,049	43,232
1930	101,465	39,847	12,629	3,477	157,418	62,637	3,646	674	966	67,823	3,780	42,444
1931	106,866	40,193	11,181	4,443	162,683	57,704	3,159	507	965	62,335	2,431	38,704
1932	110,577	41,700	13,206	4,400	169,883	57,851	3,350	454	874	62,529	1,988	35,891
1933	105,918	36,528	9,641	4,354	156,441	49,424	2,405	460	798	53,087	1,341	29,383
1934	92,193	29,455	6,577	2,396	130,621	43,347	1,921	475	812	46,555	1,002	26,866
1935	95,974	40,109	12,436	4,597	153,116	51,305	4,066	505	817	56,693	2,126	27,509
1936	93,154	33,654	8,329	2,793	137,930	49,125	2,694	379	981	53,179	1,125	29,755
1937	93,930	35,542	9,969	4,915	144,356	64,169	3,825	421	1,099	69,514	927	33,623
1938	92,160	36,042	10,610	4,699	143,511	69,197	4,087	448	1,076	74,808	905	24,248
1939	88,279	33,460	12,739	4,760	139,238	52,669	3,822	370	1,045	57,906	2,171	23,805
1940	86,429	35,431	13,525	6,374	141,759	53,273	3,204	388	1,069	57,934	3,182	23,861
1941	85,357	38,161	14,276	6,015	143,809	55,935	3,573	337	1,214	61,059	3,266	22,236
1942	87,367	38,197	16,958	5,991	148,513	49,773	3,792	375	1,457	65,397	4,408	22,602
1943	92,060	38,914	14,900	6,889	152,763	51,355	2,652	505	1,472	55,984	5,691	21,610
1944	94,014	39,672	12,301	9,385	155,372	59,749	2,132	515	1,480	63,876	2,610	19,651
1945	88,079	41,933	10,465	6,408	146,885	65,120	1,856	409	1,494	68,879	3,785	17,083
1946	88,489	43,205	10,411	6,773	148,878	67,075	1,607	391	1,674	70,647	2,432	17,674
1947	83,932	38,451	11,014	5,629	139,026	74,389	2,010	518	1,693	78,610	4,030	21,380
1948	86,067	40,198	11,987	7,296	145,548	73,017	2,096	336	1,781	77,230	4,859	22,921
1949 <sup>1</sup>	86,735	40,560	9,879	6,612	143,786	76,751	1,558	279	1,821	80,409	4,880	27,230

Year	Hay, all	Sor- ghums for forage	Sor- ghums for silage	Sweet- clover seed	Tim- othy seed	Beans, dry, edible	Peas, dry, field	Soy- beans for beans	Cow- peas for peas	Peanuts picked and threshed	Total, 5 annual legumes
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	69,531	4,609	103	292.6	437.3	1,845	192	708	586	1,262	4,593
1930	67,947	5,089	106	219.0	435.7	2,160	229	1,074	674	1,073	5,210
1931	68,160	5,392	133	253.1	608.9	1,947	241	1,141	1,139	1,440	5,908
1932	70,412	6,172	232	213.7	454.5	1,431	219	1,001	1,190	1,501	5,342
1933	68,439	6,697	377	215.5	325.5	1,729	258	1,044	1,086	1,217	5,334
1934	65,387	8,182	816	216.7	140.6	1,461	277	1,556	1,190	1,514	5,998
1935	68,550	9,072	666	243.8	1,000.8	1,865	320	2,915	1,057	1,497	7,664
1936	67,732	6,975	749	377.4	381.6	1,626	236	2,359	1,366	1,660	7,247
1937	66,001	6,036	580	309.6	591.4	1,695	227	2,586	1,472	1,538	7,518
1938	68,175	8,636	740	525.6	441.9	1,643	165	3,035	1,386	1,692	7,921
1939	69,243	9,826	904	555.8	490.2	1,679	169	4,315	1,381	1,908	9,452
1940	73,058	11,729	1,081	348.2	398.9	1,903	247	4,807	1,432	2,052	10,441
1941	73,136	10,481	1,233	349.1	375.3	2,019	291	5,889	1,483	1,900	11,582
1942	74,827	7,865	927	225.2	437.4	1,925	499	9,894	1,241	3,955	16,908
1943	77,004	8,404	913	178.0	431.0	2,362	795	10,397	752	3,528	17,934
1944	77,541	7,587	879	284.5	364.7	1,996	719	10,232	812	3,068	16,727
1945	77,017	7,504	680	239.1	362.2	1,485	518	10,661	648	3,160	16,472
1946	74,173	6,240	644	235.7	365.3	1,616	498	9,806	566	3,142	15,628
1947	75,489	4,871	669	216.7	397.4	1,759	520	11,212	587	3,380	17,468
1948	73,208	5,139	631	193.7	128.7	1,916	292	10,430	534	3,311	16,483
1949 <sup>1</sup>	72,835	4,164	624	234.6	292.3	1,852	335	9,912	478	2,332	14,909

See footnotes at end of table.

## FOOTNOTES FOR TABLE 646:

<sup>1</sup> Includes all corn, all wheat, oats, barley, rye, buckwheat, flaxseed, rice, sorghum grain, sorghum forage and silage, cotton, hay, timothy seed, sweetclover seed, dry edible beans, soybeans for beans, cowpeas for peas, peanuts picked and threshed, dry field peas, sorgo for sirup, sugarcane, sugar beets, potatoes, sweetpotatoes, tobacco, broomcorn, artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, lettuce, onions, green peas, peppers, pimientos, spinach, tomatoes, and watermelons. Red clover seed, alsike clover seed, lespedeza seed, and alfalfa seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage. Farm value also includes apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, (California) limes (Florida), plums (2 States), all prunes, apricots (3 States), figs (2 States), olives (California), almonds (California), walnuts (2 States), pecans, maple products, and hops.

<sup>2</sup> Preliminary.<sup>3</sup> Unrevised. Differs from tables 647 and 648, which show revisions made after December 1949.

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TABLE 647.—*Harvested acreage of principal crops, United States, 1929-49*  
—Continued

Year	Potatoes	Sweet-potatoes	21 truck crops		Tobacco	Sugar beets	Sorgo for sirup	Sugar-cane, all	Broom-corn	52 crops harvested <sup>4</sup>	52 crops planted or grown <sup>5</sup>	Total 22 fruits and nuts (bearing age) <sup>6</sup>
			11 for processing <sup>2</sup>	19 for market <sup>3</sup>								
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	3,030.2	647	1,181	1,343	1,980.0	688	143	314.0	310	355,295	363,028	5,045.9
1930.....	3,138.9	670	1,375	1,489	2,124.2	776	190	314.5	392	359,896	369,550	5,028.8
1931.....	3,489.5	854	1,117	1,526	1,988.1	713	313	310.4	314	355,818	370,589	5,033.9
1932.....	3,568.2	1,059	779	1,578	1,404.6	764	354	365.9	313	361,794	375,471	5,037.0
1933.....	3,422.6	907	894	1,492	1,739.4	983	360	375.8	277	330,850	373,124	5,020.7
1934.....	3,599.2	959	1,153	1,677	1,273.1	770	330	413.6	305	294,736	338,965	4,140.6
1935.....	3,468.8	944	1,454	1,646	1,439.1	763	285	427.4	501	336,050	361,889	4,069.5
1936.....	2,959.9	769	1,365	1,744	1,440.9	776	245	402.2	309	313,845	360,239	3,995.4
1937.....	3,054.9	768	1,562	1,664	1,752.8	753	210	450.2	282	338,452	363,020	3,951.8
1938.....	2,870.1	793	1,394	1,704	1,600.7	925	197	446.9	267	338,445	354,266	3,903.3
1939.....	2,812.8	728.0	1,154	1,704	1,999.7	918	189	418.9	228	321,884	342,645	3,849.2
1940.....	2,832.1	647.7	1,394	1,647	1,410.2	912	186	369.7	298	331,506	347,826	3,850.4
1941.....	2,692.6	730.9	1,664	1,618	1,306.5	755	176	398.7	250	335,310	347,655	3,856.3
1942.....	2,670.8	687.0	1,997	1,588	1,377.3	954	221	429.9	230	339,307	351,320	3,870.6
1943.....	3,239.0	856.6	1,958	1,509	1,458.0	550	207	431.9	244	347,771	361,534	3,881.7
1944.....	2,785.6	726.0	1,984	1,808	1,751.1	555	187	412.3	382	352,538	365,168	3,900.5
1945.....	2,700.2	671.2	1,943	1,820	1,822.5	713	159	423.4	279	346,510	356,910	3,930.7
1946.....	2,598.5	676.1	2,062	1,973	1,963.4	802	177	430.8	300	344,991	354,750	3,950.4
1947.....	2,100.9	593.9	1,881	1,766	1,852.7	881	161	433.2	232.5	349,018	358,644	3,964.8
1948.....	2,109.3	515.5	1,698	1,732	1,554.6	694	110	413.6	191.0	352,397	363,788	3,945.0
1949 <sup>1</sup> .....	1,901.3	541.9	1,741	1,726	1,630.3	687	90	406.7	247.5	356,302	369,660	3,804.0

<sup>1</sup> Preliminary.<sup>2</sup> Asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes.<sup>3</sup> Artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons grown commercially for market. Excludes farm gardens and most market gardens.<sup>4</sup> Totals are for crops shown in preceding columns. Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. Other crops not included are sweet corn for market, some of the less important commercial vegetables (80,000 acres in 1949), farm gardens, most market gardens, hops, spelt, hemp, velvetbeans, various legumes and other crops harvested by livestock, minor crops, and fruits and nuts. The acreages shown include some crops harvested in succession from the same land.<sup>5</sup> Preceding column plus estimates of acreages planted and not harvested because of abandonment, except that an allowance has been made for the grain harvested as hay.<sup>6</sup> Apples (all apples, 1929-33; in commercial areas only, 1934-49), peaches, pears, grapes, cherries, plums, prunes, apricots, figs, olives, avocados, cranberries, dates, persimmons, pomegranates, oranges (including tangerines), grapefruit, lemons, limes, walnuts, almonds, and filberts.<sup>7</sup> For 1947, 1948, and 1949, includes peach, pear, and grape acreages for certain States in which production estimates were discontinued beginning with 1947.

Bureau of Agricultural Economics. Data for 1909-28 (46 crops) in Agricultural Statistics, 1942, table 716. See planted acreage in table 645.

TABLE 648.—Crops: Acreage and production (average 1938-47), and farm value, United States, annual 1948 and 1949

Crop	Acreage planted			Acreage harvested			Production			Farm value		
	Average 1938-47	1948	1949 <sup>1</sup>	Average 1938-47	1948	1949 <sup>1</sup>	Unit	Average 1938-47	1948	1949 <sup>1</sup>	1948	1949 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Corn, all.....	90,590	86,828	87,910	88,617	86,067	86,735	Bushels.....	2,787,628	3,681,793	3,377,790	4,778,843	4,080,243
Wheat, all.....	<sup>2</sup> 66,032	<sup>2</sup> 78,924	<sup>2</sup> 84,931	59,854	73,017	76,751	do.....	991,950	1,313,534	1,146,463	<sup>3</sup> 2,622,558	<sup>3</sup> 2,133,125
Winter.....	<sup>4</sup> 47,713	<sup>4</sup> 58,871	<sup>4</sup> 62,372	42,500	53,515	55,453	do.....	726,553	1,007,863	901,668	2,016,639	1,651,607
All spring.....	18,319	20,053	22,559	17,353	19,502	21,298	do.....	265,397	305,671	244,795	605,531	481,813
Durum.....	2,677	3,245	3,693	2,565	3,187	3,525	do.....	36,256	44,680	38,864	90,016	77,390
Other spring.....	15,641	16,808	18,866	14,788	16,315	17,773	do.....	229,141	260,991	205,931	515,515	404,423
Oats.....	<sup>2</sup> 42,378	<sup>2</sup> 44,526	<sup>2</sup> 44,525	38,347	40,198	40,560	do.....	1,234,082	1,493,304	1,322,924	1,085,319	850,880
Barley.....	<sup>2</sup> 14,607	<sup>2</sup> 13,228	<sup>2</sup> 11,208	12,720	11,987	9,879	do.....	304,741	315,894	238,104	363,648	249,307
Rye.....	<sup>4</sup> 5,287	<sup>4</sup> 3,750	<sup>4</sup> 3,291	2,874	2,096	1,558	do.....	35,109	26,449	18,697	38,622	22,741
Buckwheat.....	457	354	291	426	336	279	do.....	7,075	6,305	5,184	7,124	4,873
Flaxseed.....	<sup>2</sup> 3,472	<sup>2</sup> 5,001	<sup>2</sup> 5,199	3,248	4,859	4,880	do.....	30,102	54,529	43,664	311,443	155,664
Rice.....	1,378	1,802	1,839	1,357	1,781	1,821	do.....	62,944	85,056	89,141	186,661	166,399
Popcorn.....	125	163	99	119	159	97	Pounds.....	170,665	309,125	156,597	13,372	5,136
Sorghum grain.....				6,292	7,296	6,612	Bushels.....	102,398	131,596	152,630	168,234	171,351
Sorghum forage.....				8,314	5,139	4,164	Tons.....	11,812	7,602	6,541	118,670	82,492
Sorghum silage.....				867	631	624	do.....	5,015	4,623	4,423		
Cotton, lint.....	<sup>5</sup> 22,034	<sup>5</sup> 23,264	<sup>5</sup> 27,719	21,415	22,921	27,230	Bales.....	11,306	14,877	16,128	2,260,089	2,262,909
Cottonseed.....				73,966	73,208	72,835	Tons.....	4,631	5,945	6,613	399,755	286,965
Hay, all.....				893	635	946	Bushels.....	99,539	99,471	99,305	2,349,505	2,116,456
Alfalfa seed.....				1,754	1,790	1,239	do.....	1,316	1,045	1,896	26,104	41,882
Red clover seed.....				142	141	116	do.....	1,654	1,789	1,262	46,379	30,599
Alsike clover seed.....				316	194	235	do.....	340	396	344	6,679	5,956
Sweetclover seed.....				825	982	1,001	do.....	809	574	598	4,758	5,338
Lespedeza seed.....				406	129	292	Pounds.....	172,026	240,960	244,600	21,257	16,576
Timothy seed.....				1,839	1,916	1,852	Bushels.....	1,425	405	826	1,821	7,057
Beans, dry edible.....	2,001	1,970	1,900	442	292	335	Bags <sup>6</sup> .....	16,855	20,827	21,554	<sup>7</sup> 152,645	<sup>7</sup> 133,966
Peas, dry field.....	487	309	367	442	292	335	do.....	5,620	3,580	3,267	<sup>7</sup> 16,106	<sup>7</sup> 10,491
Soybeans for beans.....	<sup>8</sup> 12,694	<sup>8</sup> 12,538	<sup>8</sup> 12,082	8,025	10,430	9,912	Bushels.....	148,381	223,006	222,305	506,555	470,773
Cowpeas for peas.....	<sup>8</sup> 3,756	<sup>8</sup> 1,583	<sup>8</sup> 1,658	1,029	534	478	do.....	5,420	3,435	2,982	14,322	10,706
Peanuts picked and threshed.....	<sup>8</sup> 3,856	<sup>8</sup> 4,146	<sup>8</sup> 3,091	2,718	3,311	2,332	Pounds.....	1,845,718	2,338,470	1,875,825	246,495	194,339
Velvetbeans <sup>9</sup> .....				1,786	821	778	Tons.....	714	350	337	11,636	13,092
Potatoes.....	<sup>2</sup> 2,799	<sup>2</sup> 2,137	<sup>2</sup> 1,924	2,730	2,109	1,901	Bushels.....	393,403	454,654	401,962	698,653	520,605
Sweetpotatoes.....	717	521	548	711	516	542	do.....	63,626	50,204	54,232	111,374	116,271
Tobacco.....				1,654	1,555	1,630	Pounds.....	1,718,375	1,981,272	1,970,376	955,101	912,780
Sorgo sirup.....				186	110	90	Gallons.....	11,173	7,665	6,012	12,776	10,343
Sugarcane for sugar and seed.....				299	335	338	Tons.....	5,952	6,778	6,796	39,094	40,786
Sugarcane sirup.....				121	79	69	Gallons.....	20,756	13,390	11,770	13,151	10,872
Sugar beets.....	<sup>2</sup> 869	<sup>2</sup> 799	<sup>2</sup> 769	796	694	687	Tons.....	10,145	9,424	10,197	90,935	109,108
Maple sugar.....				<sup>10</sup> 9,315	<sup>10</sup> 8,059	<sup>10</sup> 7,924	Pounds.....	460	229	292	190	235
Maple sirup.....				<sup>10</sup> 9,315	<sup>10</sup> 8,059	<sup>10</sup> 7,924	Gallons.....	2,228	1,445	1,614	6,910	7,150
Broomcorn.....				271	191	248	Tons.....	42	30	44	9,233	9,516
Hops.....				36	40	37	Pounds.....	44,146	49,819	<sup>11</sup> 49,340	27,591	21,584
Apples, commercial crop.....							Bushels.....	<sup>11</sup> 111,114	<sup>11</sup> 88,407	<sup>11</sup> 133,742	195,100	168,262

Peaches, total					Bushels	<sup>11</sup> 68,947	<sup>11</sup> 65,352	<sup>11</sup> 74,818	133,820	106,391
Pears, total					do	<sup>11</sup> 30,832	<sup>11</sup> 26,334	<sup>11</sup> 36,404	66,428	40,819
Grapes, total					Tons	<sup>11</sup> 2,736	<sup>11</sup> 3,078	<sup>11</sup> 2,662	121,460	94,882
Cherries (12 States)					do	<sup>11</sup> 172	<sup>11</sup> 214	<sup>11</sup> 250	46,697	41,148
Apricots (3 States)					do	<sup>11</sup> 227	<sup>11</sup> 247	<sup>11</sup> 198	15,050	13,330
Plums (2 States)					do	<sup>11</sup> 80	<sup>11</sup> 70	<sup>11</sup> 96	10,330	8,702
Prunes, dried (3 States)					do	<sup>11</sup> 210	<sup>11</sup> 184	<sup>11</sup> 161	26,992	25,015
Prunes, other than dried (3 States)					do					
Oranges, (5 States)					Boxes	<sup>11</sup> 121	<sup>11</sup> 84	<sup>11</sup> 129	4,647	3,430
Grapefruit (4 States)					do	97,123	104,120	108,195	<sup>12</sup> 179,820	241,410
Lemons (Calif.)					do	50,528	45,530	36,630	37,511	68,136
Cranberries (5 States)	26	27	27		do	13,164	10,010	10,400	42,142	40,040
Pecans					Barrels	665	968	840	9,518	7,518
Tung nuts (5 States)					Pounds	110,620	177,667	128,174	21,812	23,933
TRUCK CROPS:					Tons	<sup>12</sup> 24	58	88	2,873	5,480
Artichokes	8.6	7.3	7.7		Equivalent tons	16.3	16.1	13.1	2,810	2,649
Asparagus <sup>14</sup>	128.3	123.3	128.5		do	155.8	150.9	167.5	28,868	33,288
Beans, green lima <sup>14</sup>	80.4	99.2	115.4		do	<sup>11</sup> 68.9	<sup>11</sup> 90.6	<sup>11</sup> 103.9	14,793	15,077
Beans, snap <sup>14</sup>	286.6	272.6	276.2		do	<sup>11</sup> 434.3	<sup>11</sup> 443.2	<sup>11</sup> 485.8	61,531	62,644
Beets <sup>14</sup>	26.6	23.8	28.0		do	<sup>11</sup> 172.8	145.7	190.4	4,213	4,754
Cabbage <sup>14</sup>	188.4	198.8	188.5		do	<sup>11</sup> 1,365.3	<sup>11</sup> 1,530.5	<sup>11</sup> 1,387.7	40,269	38,756
Cantaloups	107.9	121.2	113.1		do	<sup>11</sup> 365.1	<sup>11</sup> 433.6	<sup>11</sup> 434.4	36,766	33,757
Carrots	67.9	75.6	76.0		do	<sup>11</sup> 563.1	<sup>11</sup> 701.6	<sup>11</sup> 610.3	50,830	36,436
Cauliflower	33.0	38.6	36.6		do	<sup>11</sup> 183.1	<sup>11</sup> 246.7	<sup>11</sup> 250.4	17,489	15,880
Celery	41.5	40.9	38.2		do	<sup>11</sup> 599.8	<sup>11</sup> 743.0	<sup>11</sup> 770.5	40,827	49,924
Corn, sweet <sup>14</sup>	489.4	527.7	526.4		do	1,137.1	1,377.4	<sup>11</sup> 1,517.8	39,961	35,327
Cucumbers <sup>14</sup>	146.0	179.2	190.0		do	304.3	<sup>11</sup> 398.3	<sup>11</sup> 441.8	31,907	30,386
Eggplant	5.1	6.6	6.1		do	<sup>11</sup> 19.4	<sup>11</sup> 26.9	<sup>11</sup> 24.2	1,924	1,797
Escarole	1.7	3.1	3.0		do	11.6	<sup>11</sup> 15.6	<sup>11</sup> 15.9	1,255	1,705
Honey Ball melons	2.2	1.1	1.0		do	8.2	2.3	4.8	261	432
Honey Dew melons	13.6	11.7	9.6		do	55.5	54.8	44.4	5,684	4,584
Kale	1.7	1.3	2.0		do	5.9	4.7	8.3	551	460
Lettuce	164.4	202.0	197.8		do	<sup>11</sup> 915.6	<sup>11</sup> 1,203.7	<sup>11</sup> 1,171.1	105,831	119,717
Onions	132.9	127.5	119.6		do	<sup>11</sup> 917.1	<sup>11</sup> 1,035.3	903.4	54,519	62,680
Peas, green <sup>14</sup>	470.3	410.8	420.2		do	<sup>11</sup> 484.9	<sup>11</sup> 403.5	<sup>11</sup> 403.8	39,013	37,535
Peppers, green	25.5	33.4	35.0		do	<sup>11</sup> 70.7	<sup>11</sup> 95.5	<sup>11</sup> 104.7	13,832	15,612
Pimientos	14.3	14.3	24.5		do	17.3	17.9	23.8	1,252	1,664
Shallots	4.9	4.8	4.5		do	6.8	6.4	4.8	836	680
Spinach <sup>14</sup>	98.5	79.8	87.6		do	<sup>11</sup> 199.1	<sup>11</sup> 160.5	<sup>11</sup> 189.1	13,069	14,640
Tomatoes <sup>14</sup>	734.2	639.6	595.9		do	<sup>11</sup> 3,459.3	<sup>11</sup> 3,703.0	<sup>11</sup> 3,476.9	175,730	151,528
Watermelons	248.6	256.0	282.7		do	<sup>11</sup> 857.7	923.5	<sup>11</sup> 960.0	28,762	23,989
Total of above truck crops	3,522.6	3,500.2	3,514.1		do	12,376.9	13,931.2	13,708.8	812,813	795,901
Garlic	4.0	3.0	3.2		do	8.6	6.5	7.0	2,561	1,393
Mint	46.4	64.1	62.6		do	.7	1.2	1.1	13,175	9,373
Potatoes, commercial early <sup>16</sup>	342.5	319.8	265.8		do	<sup>11</sup> 1,734.6	2,301.6	1,990.7	125,705	97,585
Strawberries	128.0	122.8	127.4		do	<sup>11</sup> 164.5	184.0	159.6	82,781	64,283
Total 52 crops <sup>17</sup>	340,709	352,397	356,302							
Total 72 crops									<sup>18</sup> 19,448,983	<sup>18</sup> 16,932,352

See footnotes on page 596.

CROP ACREAGE, PRODUCTION, AND VALUE

TABLE 649.—*Livestock and livestock products: Production and value, United States, average 1938-47, annual 1947-49*

Product	Production <sup>1</sup>				Value of production			
	Average 1938-47	1947	1948	1949 <sup>2</sup>	Average 1938-47	1947	1948	1949 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves <sup>1</sup> .....	17,657,358	19,054,920	18,370,760	19,410,068	1,982,389	3,557,322	4,114,521	3,891,749
Sheep and lambs <sup>1</sup> .....	2,003,258	1,579,402	1,403,833	1,313,148	206,378	288,685	288,757	265,572
Hogs <sup>1</sup> .....	18,984,984	18,666,554	18,739,227	20,375,991	2,401,355	4,477,061	4,322,558	3,696,201
Chickens <sup>3</sup> .....	3,443,128	3,639,308	3,434,206	4,263,916	769,468	1,025,711	1,109,419	1,134,163
Turkeys.....	565,333	625,663	575,710	778,695	158,887	227,507	268,430	273,509
Milk.....	115,231,200	119,065,000	115,527,000	119,136,000	3,097,421	4,963,610	5,444,443	4,635,291
Wool (shorn).....	342,784	252,798	233,924	216,950	120,377	106,052	114,072	106,874
Mohair.....	19,966	18,476	16,591	14,633	10,558	9,923	7,531	6,772
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>				
Eggs.....	48,614,000	55,252,000	55,158,000	56,382,000	1,262,590	2,079,846	2,162,745	2,113,926
Horses <sup>4</sup> .....	554	350	301	230	41,145	19,759	15,823	10,374
Mules <sup>4</sup> .....	95	93	86	63	9,865	10,076	7,936	4,817

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

<sup>4</sup> Coming 4 years of age.

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## FOOTNOTES FOR TABLE 648:

<sup>1</sup> Preliminary.

<sup>2</sup> Includes acreage planted in preceding fall.

<sup>3</sup> Value of "all wheat" differs slightly from sum of wheat by kinds because of rounding of "all wheat" price.

<sup>4</sup> Acreage seeded in preceding fall.

<sup>5</sup> Acreage in cultivation July 1.

<sup>6</sup> Bags of 100 pounds (uncleaned).

<sup>7</sup> Values apply to the production of cleaned beans or peas.

<sup>8</sup> Acres grown alone, plus one-half the interplanted acres.

<sup>9</sup> All purposes.

<sup>10</sup> 1,000 trees tapped.

<sup>11</sup> Includes some quantities not harvested. Values apply only to that portion of the crop utilized.

<sup>12</sup> Estimates of farm value apply to the entire crop, exclusive of that portion donated to charity, unharvested, and/or not utilized on account of economic conditions.

<sup>13</sup> Short-time average.

<sup>14</sup> For breakdown between fresh market and processing, see individual crop tables.

<sup>15</sup> Includes fresh market production equivalent tons in the shell and processing production equivalent tons shelled.

<sup>16</sup> Data for "Commercial early potatoes" are included in "Potatoes" on page 594.

<sup>17</sup> Excludes crops not harvested, minor crops, duplicated seed acreages, strawberries, and other fruits.

<sup>18</sup> Total values do not include revisions made after December 1949, which are shown in this table.

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TABLE 650.—*Corn: Rate of planting and percentage of growers planting at specified distances between rows, by States, 1948 crop*

State and group	Acres planted	Seed planted per acre	Percentage of growers planting in row widths of 1—							
			34 inches and less	35 and 36 inches	37 and 38 inches	39 and 40 inches	41 and 42 inches	43-48 inches	49-54 inches	55 inches and more
	<i>Thousands</i>	<i>Lb.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>
New England.....	160	15.5	13	64	5	7	11			
New York.....	685	14.0	17	58	5	7	12	1		
New Jersey.....	194	9.0	3	16	5	9	41	24	2	
Pennsylvania.....	1,416	9.0	10	22	17	22	27			
Delaware.....	142	8.0	7	6	18	30	31	8		
Maryland.....	490	8.0	5	12	5	20	45	13		
Northeast.....	3,087	10.2	11	29	11	17	27	5		
Ohio.....	3,701	8.0	2	3	12	47	34	2		
Indiana.....	4,756	7.0	1	4	13	52	28	2		
Illinois.....	9,298	7.5	1	2	4	58	32	3		
Iowa.....	11,213	8.0	1	1	2	68	27	1		
Missouri.....	4,486	7.0	3	7	7	27	51	5		
Corn Belt.....	33,454	7.6	1	3	6	55	33	2		
Michigan.....	1,729	8.5	7	17	9	23	40	4		
Wisconsin.....	2,570	9.0	5	13	11	31	37	3		
Minnesota.....	5,198	8.0	2	5	7	45	39	2		
Lake States.....	9,497	8.4	4	9	8	37	39	3		
North Dakota.....	1,147	8.0	7	9	5	22	54	3		
South Dakota.....	3,728	7.0	3	3	2	39	49	4		
Nebraska.....	7,048	7.0	1	3	2	58	36			
Kansas.....	2,498	6.5	3	3	3	37	50	4		
Great Plains.....	14,421	7.0	2	4	2	47	43	2		
West Virginia.....	297	8.5	6	31	8	19	30	6		
Kentucky.....	2,445	7.0	4	17	7	20	44	8		
Tennessee.....	2,266	7.5	3	13	4	18	48	13	1	
Virginia.....	1,185	8.0	4	17	2	18	45	13	1	
North Carolina.....	2,248	7.5	2	11	2	11	32	35	3	4
Appalachian.....	8,441	7.5	3	15	4	17	42	17	1	1
South Carolina.....	1,422	6.0	1	6	1	8	14	34	14	22
Georgia.....	3,205	6.0	3	9	2	13	21	33	7	12
Florida.....	712	5.5	5	14	4	7	12	37	6	15
Alabama.....	2,747	7.0	3	10	5	13	30	28	6	5
Southeast.....	8,086	6.3	3	9	3	12	22	32	8	11
Mississippi.....	2,250	7.5	5	28	7	22	27	9	1	1
Louisiana.....	955	8.5	4	14	3	17	26	18	4	14
Arkansas.....	1,305	7.5	2	20	10	21	26	14	1	6
Delta.....	4,510	7.7	4	23	7	21	26	12	2	5
Oklahoma.....	1,332	7.0	5	14	16	31	32	2		
Texas.....	2,765	7.0	4	33	21	24	10	4	1	3
Oklahoma-Texas.....	4,097	7.0	4	27	20	26	17	3	1	2
Montana.....	205	8.0	7	23	2	15	51	2		
Idaho.....	28	10.0	28	53	9	2	6	2		
Wyoming.....	58	7.5	19	25	6	6	38	6		
Colorado.....	619	7.0	20	26	13	27	11	3		
New Mexico.....	150	7.5	7	26	21	30	14	2		
Arizona.....	36	10.0	18	30	16	14	13	9		
Utah.....	24	12.0	56	30	2	6	3	3		
Nevada.....	3	11.0	50	50						
Mountain.....	1,123	7.6	17	26	11	23	20	3		
Washington.....	16	12.0	18	47	10	12	11	2		
Oregon.....	31	9.5	11	23	1	20	45			
California.....	65	9.5	29	46	8	9	6	2		
Pacific.....	112	9.8	22	40	6	12	18	2		
United States.....	86,828	7.5	3	9	6	39	34	7	1	1

<sup>1</sup> State group averages and United States averages are State estimates weighted by the 1948 planted acreage.  
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TABLE 651.—*Corn and sorghum silage harvested with field forage harvesters and stationary cutters, by States, 1948*

State and group	Corn silage			Sorghum silage		
	Pro- duction 1948	Harvested with—		Pro- duction 1948	Harvested with—	
		Field forage harvesters	Stationary cutters		Field forage harvesters	Stationary cutters
	1,000 tons	Percent	Percent	1,000 tons	Percent	Percent
New England.....	1,332	20	80			
New York.....	4,360	20	80			
New Jersey.....	522	36	64			
Pennsylvania.....	2,270	21	79			
Delaware.....	28	30	70			
Maryland.....	332	30	70			
Northeast.....	8,844	22	78			
Ohio.....	1,183	40	60			
Indiana.....	432	55	45	23	44	56
Illinois.....	1,754	55	45	32	60	40
Iowa.....	1,969	56	44	28	55	45
Missouri.....	339	25	75	340	23	77
Corn Belt.....	5,677	50	50	423	29	71
Michigan.....	1,909	24	76			
Wisconsin.....	10,166	30	70			
Minnesota.....	4,842	30	70	16	30	70
Lake States.....	16,917	29	71	16	30	70
North Dakota.....	533	60	40	3	62	38
South Dakota.....	308	45	55	28	40	60
Nebraska.....	200	65	35	99	55	45
Kansas.....	294	40	60	2,789	60	40
Great Plains.....	1,335	53	47	2,919	60	40
West Virginia.....	80	12	88			
Kentucky.....	153	20	80			
Tennessee.....	128	10	90	52	20	80
Virginia.....	518	18	82			
North Carolina.....	168	4	96			
Appalachian.....	1,047	15	85	52	20	80
Southeast.....	184	4	96	97	6	94
Delta area.....	57	5	95	170	7	93
Oklahoma.....	24	30	70	324	60	40
Texas.....	66	30	70	325	60	40
Oklahoma-Texas.....	90	30	70	649	60	40
Idaho.....	84	55	45			
Colorado.....	546	75	25	42	60	40
Arizona.....	30	75	25	110	75	25
Utah.....	142	60	40			
Other.....	109	70	30	11	75	25
Mountain.....	911	70	30	163	71	29
Washington.....	94	40	60			
Oregon.....	90	50	50			
California.....	275	62	38	40	70	30
Pacific.....	459	55	45	40	70	30
United States.....	35,521	32	68	4,529	54	46

TABLE 652.—Hay: Form in which sold or fed, by States, 1944 and 1948

State and group	Production of hay, 1944	Percentage of 1944 crop				Production of hay, 1948	Percentage of 1948 crop			
		Baled by—		Chopped	Loose long hay		Baled by—		Chopped	Loose long hay
		Stationary balers	Pick-up balers				Wire balers	Twine balers		
	1,000 tons	Per cent	Per cent	Per cent	Per cent	1,000 tons	Per cent	Per cent	Per cent	Per cent
New England.....	3,395	2.1	2.3	1.0	94.6	4,116	5.0	33.0	4.0	58.0
New York.....	5,759	9.1	8.6	1.5	80.8	6,306	12.0	35.0	3.0	50.0
New Jersey.....	402	6.9	29.0	.9	63.2	436	16.0	63.0	1.0	20.0
Pennsylvania.....	3,600	11.8	9.8	.8	77.6	3,430	13.0	35.0	5.0	47.0
Delaware.....	98	7.0	19.9	1.1	72.0	96	3.0	65.0	5.0	27.0
Maryland.....	552	10.7	18.5	.6	70.2	641	16.0	50.0	.5	33.5
Northeast.....	13,806	8.1	8.4	1.1	82.4	15,025	10.5	36.1	3.6	49.8
Ohio.....	3,622	10.3	20.7	.9	68.1	3,516	21.0	31.0	4.0	44.0
Indiana.....	2,626	10.5	30.7	2.4	56.4	2,231	34.0	33.0	6.0	27.0
Illinois.....	3,938	9.9	38.3	1.3	50.5	3,544	40.0	30.0	7.0	23.0
Iowa.....	5,836	7.0	22.9	1.5	68.6	3,913	27.0	25.0	12.0	36.0
Missouri.....	4,171	23.7	16.7	.8	58.8	4,803	36.0	27.0	2.0	35.0
Corn Belt.....	20,193	12.1	25.2	1.3	61.4	18,007	31.7	28.7	6.0	33.6
Michigan.....	3,895	5.9	13.3	1.0	79.8	3,606	18.0	20.0	5.0	57.0
Wisconsin.....	6,930	5.0	7.0	1.4	86.6	5,458	11.0	15.0	19.0	55.0
Minnesota.....	6,640	4.4	7.0	.7	87.9	5,145	14.0	21.0	3.5	61.5
Lake States.....	17,465	5.0	8.4	1.0	85.6	14,209	13.9	18.4	9.8	57.9
North Dakota.....	3,251	.9	.7	.3	98.1	2,962	6.0	8.0	2.0	84.0
South Dakota.....	3,637	3.3	3.0	.5	93.2	3,443	6.0	14.0	2.5	77.5
Nebraska.....	4,865	6.9	8.7	.7	83.7	4,230	14.0	7.0	6.0	73.0
Kansas.....	2,982	17.9	22.1	1.8	58.2	3,575	39.0	29.0	5.0	27.0
Great Plains.....	14,735	6.9	8.2	.8	84.1	14,210	16.7	14.4	4.1	64.8
West Virginia.....	904	6.7	.3	.4	92.6	1,052	5.0	10.0	1.5	83.5
Kentucky.....	1,831	34.7	12.2	(1)	53.1	2,194	33.0	31.0	1.5	34.5
Tennessee.....	1,665	32.6	6.3	(1)	61.1	2,029	33.0	23.0	.5	43.5
Virginia.....	1,405	13.5	4.6	(1)	81.9	1,823	19.0	25.0	4.0	52.0
North Carolina.....	1,263	30.5	4.4	.1	65.0	1,289	37.0	19.0	1.5	42.5
Appalachian.....	7,068	25.6	6.4	.1	67.9	8,387	27.0	23.3	1.8	47.9
South Carolina.....	404	35.9	2.6	(1)	61.5	461	49.0	17.0	2.0	32.0
Georgia.....	639	35.6	4.6	(1)	59.8	805	63.0	9.0	3.0	25.0
Florida.....	64	50.8	4.0	(1)	45.2	69	78.0	6.0	3.0	13.0
Alabama.....	729	50.2	2.4	(1)	47.4	700	59.0	11.0	1.4	28.6
Southeast.....	1,886	41.8	3.3	(1)	54.9	2,035	59.0	11.4	2.2	27.4
Mississippi.....	1,105	31.2	8.6	(1)	60.2	1,011	50.0	12.0	.5	37.5
Louisiana.....	397	32.6	9.5	(1)	57.9	369	41.0	23.0	2.0	34.0
Arkansas.....	1,529	45.3	7.7	(1)	47.0	1,887	56.0	14.0	1.0	29.0
Delta States.....	3,031	38.5	8.3	(1)	53.2	3,267	52.5	14.4	.9	32.2
Oklahoma.....	1,668	35.8	30.4	(1)	33.8	2,010	70.0	17.0	2.0	11.0
Texas.....	1,359	51.5	19.0	(1)	29.5	1,311	60.0	17.0	1.5	21.5
Oklahoma-Texas.....	3,027	42.8	25.3	(1)	31.9	3,321	66.1	17.0	1.8	15.1
Montana.....	2,671	4.2	3.3	1.7	90.8	2,964	9.0	12.0	5.0	74.0
Idaho.....	2,445	2.9	7.3	7.1	82.7	2,353	11.0	14.0	19.0	56.0
Wyoming.....	1,312	5.5	4.0	.1	90.4	1,018	11.0	4.0	10.0	75.0
Colorado.....	2,331	9.8	3.5	1.5	85.2	2,375	17.0	6.0	13.0	64.0
New Mexico.....	479	34.1	25.7	1.0	39.2	499	70.0	5.0	13.0	12.0
Arizona.....	723	14.6	66.7	2.0	16.7	541	65.0	8.0	17.0	10.0
Utah.....	1,245	6.3	15.6	3.1	75.0	1,134	18.0	21.0	8.0	53.0
Nevada.....	617	3.8	26.3	4.3	65.6	649	50.0	17.0	5.0	28.0
Mountain.....	11,823	7.2	11.5	2.9	78.4	11,533	19.7	11.1	11.2	58.0
Washington.....	1,775	13.7	9.3	12.5	64.5	1,759	21.0	21.0	21.0	37.0
Oregon.....	1,996	11.9	14.7	7.7	65.7	2,000	20.0	16.0	22.0	42.0
California.....	5,940	29.0	29.6	6.7	34.7	5,718	75.0	3.0	12.0	10.0
Pacific.....	9,711	22.7	22.8	8.0	46.5	9,477	53.4	9.1	15.8	21.7
United States.....	102,745	13.2	13.7	1.8	71.3	99,471	26.5	20.7	6.7	46.1

¹ No information obtained.

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TABLE 653.—*Hay: Form in which sold or fed on farms harvesting specified quantities of hay, by State groups, 1948*<sup>1</sup>

State group, and quantity of hay harvested per farm (tons)	Hay harvested in 1948	Percentage of the 1948 hay—			
		Wire baled	Twine baled	Chopped	Loose long
	1,000 tons	Percent	Percent	Percent	Percent
Northeast:					
Less than 10.....	450	12	34	2	52
10-24.....	1,505	13	32	1	54
25-49.....	2,855	11	30	2	57
50-99.....	5,110	10	33	4	53
100 and over.....	5,105	10	44	5	41
All farms.....	15,025	10.5	36.1	3.6	49.8
Corn Belt:					
Less than 10.....	540	27	27	1	45
10-24.....	3,602	29	26	3	42
25-49.....	5,585	29	27	4	40
50-99.....	4,860	32	29	8	31
100 and over.....	3,420	39	34	10	17
All farms.....	18,007	31.7	28.7	6.0	33.6
Lake States:					
Less than 10.....	285	15	29	2	54
10-24.....	1,705	15	19	4	62
25-49.....	4,830	12	14	4	70
50-99.....	4,830	11	17	12	60
100 and over.....	2,559	22	28	21	29
All farms.....	14,209	13.9	18.4	9.8	57.9
Great Plains:					
Less than 10.....	142	20	10	2	68
10-24.....	1,280	17	14	3	66
25-49.....	2,843	19	12	3	66
50-99.....	3,695	16	12	4	68
100 and over.....	6,250	16	17	5	62
All farms.....	14,210	16.7	14.4	4.1	64.8
Appalachian:					
Less than 10.....	1,510	30	11	1	58
10-24.....	2,095	28	19	1	52
25-49.....	2,015	25	26	2	47
50-99.....	1,595	27	29	1	43
100 and over.....	1,172	25	34	5	36
All farms.....	8,387	27.0	23.3	1.8	47.9
Southeast:					
Less than 10.....	814	53	6	1	40
10-24.....	488	60	11	2	27
25-49.....	204	62	14	3	21
50-99.....	163	60	17	6	17
100 and over.....	366	69	20	3	8
All farms.....	2,035	59	11.4	2.2	27.4
Delta:					
Less than 10.....	686	38	8	1	53
10-24.....	784	48	11		41
25-49.....	653	63	11	1	25
50-99.....	392	57	18	2	23
100 and over.....	752	59	25	1	15
All farms.....	3,267	52.5	14.4	0.9	32.2
Oklahoma-Texas:					
Less than 10.....	531	58	11	1	30
10-24.....	697	64	16	1	19
25-49.....	598	66	14	1	19
50-99.....	400	70	20	2	8
100 and over.....	1,085	70	21	3	6
All farms.....	3,321	66.1	17.0	1.8	15.1

See footnotes at end of table.



TABLE 653.—*Hay: Form in which sold or fed on farms harvesting specified quantities of hay, by State groups, 1948*<sup>1</sup>—Continued

State group, and quantity of hay harvested per farm (tons)	Hay harvested in 1948	Percentage of the 1948 hay—			
		Wire baled	Twine baled	Chopped	Loose long
	1,000 tons	Percent	Percent	Percent	Percent
Mountain:					
Less than 10.....	115	9	5	10	76
10-24.....	461	13	12	7	68
25-49.....	1,153	17	9	10	64
50-99.....	1,615	18	8	14	60
100 and over.....	8,189	21	12	11	56
All farms.....	11,533	19.7	11.1	11.2	58
Pacific:					
Less than 10.....	95	21	6	9	64
10-24.....	379	21	10	13	56
25-49.....	758	30	15	13	42
50-99.....	948	31	13	16	40
100 and over.....	7,297	61	8	16	15
All farms.....	9,477	53.4	9.1	15.8	21.7
United States:					
Less than 10.....	5,168	34	14	2	50
10-24.....	12,996	27	21	3	49
25-49.....	21,494	23	20	4	53
50-99.....	23,608	21	22	7	50
100 and over.....	36,205	31	21	10	38
All farms.....	99,471	26.5	20.7	6.7	46.1

<sup>1</sup> Distribution of the 1948 hay crop by farms harvesting specified tonnages, as shown in this table, is only approximate. The data were based on reports by crop correspondents, tabulated by State groups according to the quantity of hay harvested per farm in 1948. The State groups were then adjusted to the regional level.

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TABLE 654.—*Index numbers of industrial production in selected lines and income of industrial workers, United States, 1929-49*

[1935-39 = 100]

Year	Industrial production							Income of industrial workers <sup>1</sup>
	Iron and steel	Lumber	Machinery	Chemicals	Shoes	Bituminous coal	Crude petroleum	
1929.....	133	152	130	89	89	135	86	134
1930.....	97	110	100	87	75	118	77	110
1931.....	61	74	66	78	78	96	73	84
1932.....	32	49	43	68	77	78	67	58
1933.....	54	64	50	76	86	84	77	61
1934.....	61	65	69	83	88	90	78	76
1935.....	81	86	83	89	95	94	85	88
1936.....	114	105	105	99	102	110	94	100
1937.....	123	111	126	112	102	112	109	117
1938.....	68	92	82	96	96	88	104	91
1939.....	114	106	104	112	105	99	108	105
1940.....	147	115	136	130	100	116	116	119
1941.....	186	129	221	176	123	129	120	<sup>2</sup> 167
1942.....	199	130	340	278	119	145	118	<sup>2</sup> 238
1943.....	208	119	443	384	114	147	128	<sup>2</sup> 300
1944.....	206	115	439	324	114	156	143	<sup>2</sup> 335
1945.....	183	98	343	284	119	144	146	<sup>2</sup> 291
1946.....	150	122	240	236	131	133	148	<sup>2</sup> 276
1947.....	195	132	276	251	116	155	159	<sup>2</sup> 328
1948.....	208	134	277	254	<sup>3</sup> 114	147	172	<sup>2</sup> 354
1949 <sup>3</sup> .....	187	119	234	241	112	107	157	325

<sup>1</sup> Computed from pay-roll data (factory and mining), as reported by the Bureau of Labor Statistics, and compensation of railway employees, from reports of the Interstate Commerce Commission.

<sup>2</sup> Revised.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from records of Federal Reserve System except where noted. Data for 1923-28 in Agricultural Statistics, 1946, table 610.

TABLE 655.—*Index numbers of the volume of agricultural production for sale and for consumption in the farm home, United States, 1929-49*

[1935-39=100]

Year	Livestock and products <sup>1</sup>				Crops <sup>6</sup>										All commodities
	Meat animals <sup>2</sup>	Poultry and eggs <sup>3</sup>	Dairy products <sup>4</sup>	All livestock and products <sup>5</sup>	Food grains <sup>7</sup>	Feed grains and hay <sup>8</sup>	Cotton and cotton-seed	Oil-bearing crops <sup>9</sup>	Tobacco	Truck crops <sup>10</sup>	Fruits and tree nuts <sup>11</sup>	Vegetables <sup>12</sup>	Sugar crops <sup>13</sup>	All crops <sup>14</sup>	
1929.....	103	100	93	99	113	103	113	62	105	87	73	90	74	98	99
1930.....	100	106	94	99	109	83	105	68	113	91	89	90	85	96	98
1931.....	103	101	96	100	114	92	128	66	108	83	98	98	78	104	102
1932.....	101	99	97	99	92	113	98	60	70	79	82	100	88	92	96
1933.....	108	100	98	103	69	82	98	45	94	76	81	93	100	85	96
1934.....	117	96	98	106	64	41	74	57	74	88	86	101	82	72	93
1935.....	90	92	98	93	81	91	81	96	89	92	95	104	89	89	91
1936.....	103	99	99	101	79	58	95	72	80	96	81	88	94	82	94
1937.....	96	101	99	98	115	112	144	86	108	102	113	107	96	117	106
1938.....	102	101	102	102	124	115	91	103	95	104	100	102	114	105	103
1939.....	109	110	102	107	101	124	89	143	129	106	111	99	106	107	107
1940.....	118	112	105	112	110	114	95	171	101	111	110	101	104	107	110
1941.....	117	120	110	115	131	125	83	187	87	116	113	100	97	110	113
1942.....	131	139	114	127	139	129	98	300	97	129	116	104	110	121	124
1943.....	149	162	113	139	116	125	87	325	97	124	108	125	81	114	129
1944.....	155	166	115	143	148	153	94	270	135	137	123	106	81	128	137
1945.....	147	170	119	141	155	144	68	291	137	142	113	110	94	122	134
1946.....	145	160	119	138	164	172	66	277	160	152	133	128	103	134	137
1947.....	145	157	117	137	197	131	91	300	145	140	126	107	110	135	136
1948.....	134	153	114	130	189	207	115	367	136	143	115	124	91	152	138
1949 <sup>15</sup> .....	139	169	117	136	166	185	125	330	136	143	121	114	96	146	140

<sup>1</sup> Volume of sales and home consumption during the calendar year.<sup>2</sup> Cattle and calves, hogs, sheep, and lambs, and their products.<sup>3</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>4</sup> Farm butter, cream, wholesale milk, and retail milk.<sup>5</sup> Also includes wool and mohair.<sup>6</sup> Total crop production, minus quantities retained for feed or seed and quantities not harvested or lost.<sup>7</sup> Wheat, rye, rice, and buckwheat.<sup>8</sup> Corn, oats, barley, grain, sorghums, and hay.<sup>9</sup> Soybeans, peanuts, and flaxseed.<sup>10</sup> For fresh consumption (artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons), and for processing (asparagus, lima beans, snap beans, beets, cabbage, sweet corn, cucumbers, peas, spinach, and tomatoes).<sup>11</sup> Apples, peaches, pears, grapes, cherries, apricots, strawberries, cranberries, oranges, grapefruit, lemons, olives, dried figs, plums, dried prunes, almonds, walnuts, and pecans.<sup>12</sup> Dry edible beans, potatoes, and sweetpotatoes.<sup>13</sup> Sugar beets, sugarcane for sugar, sugarcane sirup, sorgho sirup, and maple sugar and sirup.<sup>14</sup> Also includes cowpeas and hops.<sup>15</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1946, table 612. See companion table 656 in this book.

TABLE 656.—*Index numbers of gross farm production, farm output, and production, by groups of products, United States, 1929-49*<sup>1</sup>

[1935-39=100]

Year	Gross farm production <sup>2</sup>	Farm output <sup>3</sup>	Farm produced power <sup>4</sup>	Product added by livestock <sup>5</sup>		Crops and pasture									
				All livestock	Livestock, horses and mules excluded	All crops and pasture <sup>6</sup>	Feed grains, hay, and pasture <sup>7</sup>	Food grains <sup>8</sup>	Truck crops <sup>9</sup>	Vegetables except truck crops <sup>10</sup>	Fruits and tree nuts	Sugar crop <sup>11</sup>	Cotton and cottonseed	Tobacco	Oil crops <sup>12</sup>
1929	101	97	124	101	97	100	103	106	86	92	86	72	113	103	60
1930	98	95	120	102	99	96	94	115	86	94	84	83	106	112	66
1931	105	104	116	103	101	106	103	122	86	104	106	78	130	105	64
1932	102	101	112	103	101	102	113	98	86	104	86	81	98	68	59
1933	95	93	109	104	103	92	96	72	89	97	87	102	99	94	47
1934	82	79	107	98	97	76	72	69	86	111	82	84	73	74	58
1935	97	96	105	95	94	97	103	84	94	107	104	90	81	90	98
1936	87	85	108	100	99	83	77	83	93	90	81	95	94	80	74
1937	107	108	100	99	98	110	106	115	97	106	108	96	144	107	86
1938	104	105	97	101	101	105	108	120	106	101	97	114	91	94	102
1939	105	106	95	105	108	105	106	98	110	96	110	105	90	129	140
1940	108	110	92	107	110	108	111	107	111	102	108	102	96	99	165
1941	111	114	90	113	117	111	116	121	112	103	115	98	81	85	182
1942	123	128	87	123	130	123	129	126	118	108	117	110	97	96	287
1943	120	125	84	131	139	116	122	109	114	131	101	81	87	96	300
1944	124	130	80	129	138	122	124	136	122	110	120	80	93	133	255
1945	123	129	76	130	139	120	124	142	125	111	111	94	69	136	274
1946	126	134	71	125	135	127	128	146	141	128	131	103	66	159	265
1947	121	129	64	124	134	120	109	173	132	108	125	109	90	145	282
1948	131	141	59	120	131	136	135	167	137	121	113	92	113	135	343
1949 <sup>13</sup>	129	140	53	126	139	131	128	147	134	112	123	96	121	136	311

<sup>1</sup> Average 1935-39 farm prices in each geographic division were used as weights in constructing indexes for each geographic division. United States totals were obtained by summing the geographic division quantity-price aggregates.

<sup>2</sup> The index of gross farm production measures calendar-year production of all crops and pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power.

<sup>3</sup> Farm output is gross farm production minus farm-produced power of horses and mules. The index of farm output measures calendar-year production of farm products for human use.

<sup>4</sup> Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes the feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

<sup>5</sup> Products added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of all feed (including commercial feeds) and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

<sup>6</sup> Includes some miscellaneous crop production not included in separate crop groups shown.

<sup>7</sup> Corn, oats, barley, grain sorghum, tame hay, wild hay, sorghum for forage, and estimated pasture consumed by all livestock.

<sup>8</sup> Wheat, rye, rice, and buckwheat.

<sup>9</sup> Commercial truck crops for fresh market shipment (except commercial early Irish potatoes and strawberries) and processing, market gardens, and farm gardens.

<sup>10</sup> Potatoes (Irish), sweetpotatoes, dry edible beans, and dry peas.

<sup>11</sup> Sugar beets, sugarcane for sugar and seed, sugarcane sirup, sorgo sirup, maple sugar, and maple sirup.

<sup>12</sup> Soybeans for beans, peanuts, and flaxseed.

<sup>13</sup> Preliminary.

Bureau of Agricultural Economics. Gross farm production and total farm output cover all production of the calendar year without duplication, but allowances have been set up for production not regularly reported in the available statistical series.

TABLE 657.—Index numbers of gross farm production, by geographic divisions, 1929-49<sup>1</sup>

[1935-39=100]

Year	New Eng-land	Middle At-lantic	East North Central	West North Central	South At-lantic	East South Central	West South Central	Moun-tain	Pacific	United States
1929.....	96	91	90	124	93	98	102	106	84	101
1930.....	99	92	86	123	91	85	94	111	88	98
1931.....	99	100	100	115	97	107	123	97	85	105
1932.....	96	95	99	127	79	90	111	101	88	102
1933.....	98	95	87	107	91	93	99	97	85	95
1934.....	97	95	81	71	87	91	77	85	86	82
1935.....	97	101	98	100	97	90	91	95	95	97
1936.....	98	94	86	76	90	92	86	92	97	87
1937.....	104	103	105	105	106	117	118	100	103	107
1938.....	98	101	104	109	98	104	103	110	103	104
1939.....	103	101	107	110	109	97	102	103	102	105
1940.....	104	102	105	117	108	96	110	111	107	109
1941.....	105	102	112	126	99	104	106	122	109	111
1942.....	114	109	119	148	112	113	116	120	114	123
1943.....	123	103	115	144	111	111	109	134	116	120
1944.....	116	108	116	145	121	113	120	132	123	124
1945.....	119	108	121	144	123	113	104	130	121	123
1946.....	124	118	124	148	128	109	104	129	132	126
1947.....	122	112	111	133	126	110	115	136	130	121
1948.....	123	116	128	153	126	126	115	141	131	131
1949 <sup>2</sup> .....	123	115	129	138	126	114	132	137	135	129

<sup>1</sup> The indexes measure total crop production, pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power. The product-added method of combining crop and livestock production credits crop production to the geographic division in which the feed was grown, and credits livestock "manufacturing" production (product added) to the geographic division in which the feed was fed. Product added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of feed and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

The indexes of gross farm production measure calendar-year total production of each geographic division. <sup>2</sup> Preliminary.

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TABLE 658.—Index numbers of farm output, by geographic divisions, 1929-49<sup>1</sup>

[1935-39=100]

Year	New Eng-land	Middle At-lantic	East North Central	West North Central	South At-lantic	East South Central	West South Central	Moun-tain	Pacific	United States
1929.....	92	88	87	121	90	96	98	102	82	97
1930.....	96	90	82	121	89	80	89	108	87	95
1931.....	96	99	99	113	96	108	124	93	83	104
1932.....	93	94	98	127	76	88	110	98	87	101
1933.....	96	94	85	105	90	92	97	94	84	93
1934.....	96	94	78	65	85	89	72	82	85	79
1935.....	96	100	97	99	97	88	88	93	95	96
1936.....	98	93	84	72	89	91	84	91	96	85
1937.....	104	103	106	105	107	120	121	100	103	108
1938.....	98	102	104	111	97	105	105	112	103	105
1939.....	104	102	109	113	110	96	102	104	103	106
1940.....	105	103	107	122	109	95	113	113	108	110
1941.....	107	104	116	132	99	104	109	125	110	114
1942.....	117	112	124	158	114	115	121	133	116	128
1943.....	127	106	120	154	113	113	113	139	117	125
1944.....	120	112	122	156	125	117	127	137	125	130
1945.....	123	113	128	155	127	116	109	136	124	129
1946.....	129	124	132	160	133	113	109	136	135	134
1947.....	127	119	119	145	132	114	124	144	133	129
1948.....	129	124	139	169	132	135	124	150	134	141
1949 <sup>2</sup> .....	129	124	141	153	133	122	145	146	139	140

<sup>1</sup> See footnote 1, table 657. Farm output is gross farm production minus farm-produced power of horses and mules. Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes all feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

The indexes of farm output measure calendar-year production of farm products for human use in each geographic division. <sup>2</sup> Preliminary.

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TABLE 659.—Seasonal differences in food consumption, 4 cities: Average quantity of specified groups of purchased food used at home per person in a week, all income classes, spring 1948 and each season as a percentage of spring<sup>1</sup>

Food group	Unit of quantity	Birmingham, Alabama				Buffalo, New York		
		Consumption in spring	Consumption in other seasons as a percentage of spring			Consumption in spring	Consumption in other seasons as a percentage of spring	
			Summer	Fall	Winter		Fall	Winter
		Quantity	Pct.	Pct.	Pct.	Quantity	Pct.	Pct.
Milk equivalent <sup>2</sup> .....	Quarts.....	4.37	84	101	110	6.12	96	106
Fats and oils <sup>3</sup> .....	Pounds.....	1.32	89	99	103	.96	91	96
Eggs.....	Dozen.....	.65	74	99	95	.64	79	89
Flour and other cereal foods.....	Pounds.....	2.90	92	90	109	1.10	100	104
Bakery products.....	do.....	2.02	91	108	105	2.83	102	99
Meat, poultry, fish <sup>4</sup> .....	do.....	3.48	86	99	103	3.92	97	101
Fresh fruits.....	do.....	3.35	236	93	101	4.40	94	89
Canned fruits and juices.....	do.....	1.83	72	76	121	1.32	71	117
Potatoes and sweetpotatoes.....	do.....	1.52	76	122	129	2.72	100	102
Other vegetables, fresh.....	do.....	2.44	166	157	115	3.21	145	88
Canned vegetables.....	do.....	.70	33	42	127	1.35	59	112
Dried fruits and vegetables, nuts.....	Pound.....	.44	55	72	133	.20	80	114
Sugars and sweets.....	Pounds.....	1.57	98	106	119	1.31	102	113
		Minneapolis-St. Paul, Minn.				San Francisco, Calif.		
		Quantity	Pct.	Pct.	Pct.	Quantity	Pct.	Pct.
Milk equivalent <sup>2</sup> .....	Quarts.....	5.39	94	90	98	5.88	99	98
Fats and oils <sup>3</sup> .....	Pound.....	.83	96	102	102	.92	91	92
Eggs.....	Dozen.....	.62	86	83	98	.66	98	90
Flour and other cereal foods.....	Pounds.....	.92	78	94	121	1.01	119	106
Bakery products.....	do.....	2.25	99	108	98	2.36	101	105
Meat, poultry, fish <sup>4</sup> .....	do.....	3.26	95	97	98	4.29	89	99
Fresh fruits.....	do.....	4.04	136	119	104	4.76	115	98
Canned fruits and juices.....	do.....	1.48	63	73	103	1.64	93	114
Potatoes and sweetpotatoes.....	do.....	2.30	94	96	99	1.80	88	106
Other vegetables, fresh.....	do.....	2.73	114	112	78	4.98	107	82
Canned vegetables.....	do.....	1.03	68	72	131	.94	94	134
Dried fruits and vegetables, nuts.....	Pound.....	.24	56	82	128	.26	107	114
Sugars and sweets.....	Pounds.....	1.12	105	103	111	1.03	97	106

<sup>1</sup> For each of the 4 cities and for the seasons specified, these data relate to about 150 housekeeping families of 2 persons 16 years or over and 0, 1, or 2 children, aged 2-15. The average household size for this selected group of families is about 2.5 persons, almost 1 person less than the average for all housekeeping families. The seasonal data are based on only 10 months, with no collections being made during November and December. Winter covers January-March 1948; spring, April-June 1948; fall, September and October 1948; and summer, July and August. The data for the summer season are based on quantities for summer 1949 related to spring 1949 quantities. The data for summer are available only for Birmingham and Minneapolis-St. Paul.

<sup>2</sup> Approximately the quantity of fluid milk to which the various dairy products (excluding butter) are equivalent in minerals and protein.

<sup>3</sup> Excludes bacon and salt pork.

<sup>4</sup> Includes bacon and salt pork.

Bureau of Human Nutrition and Home Economics. Compiled from 1948-49 Food Consumption Surveys.

TABLE 660.—*Nutritive value of urban diets: Average nutritive value per nutrition unit per day of food consumed at home, by annual income class, urban house-keeping families of 2 or more persons in the United States, 1942 and 1948, and percent of families having less than National Research Council's recommended allowances for calories and 8 nutrients, 1948*<sup>1</sup>

Period and income class (dollars) <sup>2</sup>	Households	Food energy	Protein	Calcium	Iron	Vitamin A value	Thiamine	Riboflavin	Niacin	Ascorbic acid
Average nutritive value of diets per nutrition unit per day <sup>3</sup>										
SPRING 1948 All classes	No. 1,558	Cal. 3,810	Gm. 102	Gm. 1.07	Mg. 17.5	I. U. 10,100	Mg. 2.35	Mg. 2.66	Mg. 24.2	Mg. 167
Under 1,000.....	53	3,580	87	.93	16.9	9,900	2.21	2.30	22.4	144
1,000-1,999.....	204	3,780	98	.99	17.7	8,900	2.35	2.54	23.2	151
2,000-2,999.....	410	3,690	99	1.04	17.1	9,600	2.32	2.59	23.0	161
3,000-3,999.....	351	3,950	105	1.11	17.8	10,100	2.41	2.73	24.7	160
4,000-4,999.....	167	3,890	107	1.11	18.3	11,600	2.44	2.81	25.4	181
5,000-7,499.....	154	3,790	105	1.13	17.0	10,800	2.30	2.75	24.8	183
7,500 and over.....	72	3,820	106	1.15	17.7	12,000	2.32	2.81	26.5	200
Not classified.....	147	3,800	104	1.05	17.2	10,100	2.25	2.59	24.7	176
SPRING 1942 All classes <sup>4</sup>	1,003	3,520	92	0.92	14.5	9,700	1.90	2.19	20.0	162
Under 500.....	36	3,090	71	.71	13.2	7,200	1.74	1.61	14.9	106
500-999.....	113	3,300	82	.80	13.7	8,600	1.71	1.93	17.0	128
1,000-1,499.....	125	3,450	88	.86	14.5	9,400	1.85	2.05	18.5	144
1,500-1,999.....	156	3,480	90	.95	13.5	8,700	1.80	2.18	18.3	147
2,000-2,499.....	164	3,580	95	.94	14.8	10,000	1.93	2.23	20.4	167
2,500-2,999.....	128	3,710	99	.99	15.6	10,400	2.06	2.37	22.7	185
3,000-4,999.....	207	3,570	93	.95	14.0	9,500	1.95	2.19	21.2	173
5,000-9,999.....	59	3,540	92	.94	14.5	10,500	1.92	2.25	22.4	182
Percent of families having less than NRC recommended allowances, <sup>5</sup> per nutrition unit per day <sup>4</sup>										
SPRING 1948 All classes	No. 1,558	Pct. 21	Pct. 11	Pct. 42	Pct. 13	Pct. 14	Pct. 10	Pct. 12	Pct. 9	Pct. 11
Under 1,000.....	53	30	34	60	24	28	23	32	28	32
1,000-1,999.....	204	23	19	50	14	22	16	18	12	20
2,000-2,999.....	410	25	13	44	13	14	10	14	10	12
3,000-3,999.....	351	17	7	38	10	13	7	8	7	7
4,000-4,999.....	167	17	5	41	12	6	10	8	4	7
5,000-7,499.....	154	21	7	36	12	10	6	8	4	6
7,500 and over.....	72	24	8	39	12	1	12	11	8	0
Not classified.....	147	15	12	42	16	15	13	13	11	10

<sup>1</sup> Represents the nutritive value of food brought into the kitchen for household use. In 1948 but not in 1942 the nutritive value of small quantities of edible foods estimated by families to have been discarded or fed to animals during the week has been deducted. No allowance has been made for losses of nutrients that may occur during handling, cooking, or other kitchen practices or for losses incurred during storage of left-overs. There is also no allowance for small quantities of minerals (especially calcium), that are probably obtained from drinking water and baking powder.

<sup>2</sup> For spring of 1948, classification was by 1947 income after Federal income tax; for spring of 1942, classification was by first quarter 1942 income, annual rate before income tax.

<sup>3</sup> For each nutrient the NRC allowance for the physically active man was considered to be one nutrition unit. The various household members were classified into specified sex, age, and physical activity groups and their recommended daily allowances were expressed as percentages of the allowances for a physically active man.

<sup>4</sup> Includes 15 families with incomes of \$10,000 or over, not shown separately.

<sup>5</sup> The recommended allowances per nutrition unit (man of moderate physical activity) per day are: calories 3,000, protein 70 gm., calcium 1.00 gm., iron 12.0 mg., vitamin A value 5,000 I. U., thiamine 1.5 mg., riboflavin 1.8 mg., niacin 15 mg., ascorbic acid 75 mg. Recommended Dietary Allowances, Revised 1948, National Research Council, Reprint and Circular Series No. 129, October 1948.

Bureau of Human Nutrition and Home Economics. Compiled from 1948 Food Consumption Surveys, Preliminary Report 12, Nutritive Value of Diets of Urban Families, United States, Spring 1948, and Comparison with Diets in 1942.

TABLE 661.—*Nutrients available for consumption per capita per day, United States, 1909-49*<sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Iron	Vitamin A value	Thiamine	Riboflavin	Niacin	Ascorbic acid
	<i>Calories</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milli-grams</i>	<i>Int'l. units</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>
1909.....	3,510	101	125	487	.86	14.6	7,600	1.62	1.86	17.3	105
1910.....	3,480	99	123	484	.83	14.4	7,400	1.57	1.80	16.9	105
1911.....	3,440	98	124	475	.81	14.1	7,200	1.56	1.78	16.5	97
1912.....	3,450	99	123	481	.88	14.4	7,400	1.61	1.86	16.7	104
1913.....	3,460	99	125	482	.86	14.1	7,200	1.57	1.82	16.6	100
1914.....	3,480	98	126	483	.84	14.1	7,100	1.56	1.77	15.9	100
1915.....	3,420	97	125	473	.84	13.9	7,400	1.55	1.79	16.1	105
1916.....	3,390	94	126	467	.82	13.8	7,200	1.53	1.76	15.6	95
1917.....	3,380	97	119	475	.84	14.1	7,600	1.52	1.79	15.8	100
1918.....	3,350	96	130	451	.89	14.7	7,700	1.57	1.90	16.4	105
1919.....	3,460	96	129	478	.86	14.7	8,000	1.51	1.85	16.2	100
1920.....	3,350	95	123	463	.88	14.2	7,800	1.51	1.83	15.9	107
1921.....	3,250	91	124	445	.86	13.5	7,500	1.45	1.78	15.2	100
1922.....	3,460	93	128	480	.87	14.0	7,900	1.50	1.83	15.8	105
1923.....	3,440	94	136	460	.86	14.2	7,600	1.58	1.85	16.1	107
1924.....	3,470	96	135	468	.88	14.1	7,200	1.56	1.85	16.0	109
1925.....	3,440	93	134	465	.87	13.7	7,200	1.50	1.81	15.8	103
1926.....	3,460	95	133	470	.88	13.7	7,500	1.48	1.82	15.6	103
1927.....	3,460	95	134	469	.88	13.9	7,700	1.53	1.84	15.8	108
1928.....	3,510	94	135	479	.89	13.9	7,400	1.58	1.86	15.9	105
1929.....	3,460	94	136	468	.91	13.8	7,900	1.55	1.87	15.7	112
1930.....	3,470	92	135	473	.90	13.6	7,500	1.53	1.85	15.4	100
1931.....	3,390	91	134	457	.90	13.6	7,900	1.51	1.85	15.3	110
1932.....	3,310	89	134	436	.90	13.2	8,300	1.51	1.85	15.4	111
1933.....	3,280	89	134	428	.89	13.2	7,800	1.49	1.84	15.3	105
1934.....	3,280	90	132	426	.90	13.6	8,000	1.46	1.82	15.5	110
1935.....	3,200	87	124	430	.91	13.2	8,200	1.39	1.82	14.8	115
1936.....	3,290	91	131	434	.93	13.8	7,700	1.42	1.83	15.2	110
1937.....	3,260	88	132	425	.93	13.4	8,200	1.42	1.87	15.2	111
1938.....	3,280	90	133	430	.95	13.6	8,300	1.44	1.89	15.1	118
1939.....	3,350	91	138	434	.96	13.8	8,300	1.50	1.91	15.5	121
1935-39 av.....	3,280	89	132	431	.94	13.6	8,100	1.43	1.86	15.2	115
1940.....	3,360	92	143	425	.96	13.9	8,100	1.56	1.95	15.8	121
1941 <sup>2</sup> .....	3,430	94	144	440	.99	14.4	8,400	1.63	1.97	16.7	123
1942 <sup>2</sup> .....	3,360	96	139	434	1.03	15.5	9,000	1.85	2.07	17.1	128
1943 <sup>2</sup> .....	3,400	99	142	433	1.06	16.6	9,200	2.10	2.24	19.0	126
1944 <sup>2</sup> .....	3,380	100	143	433	1.06	18.1	9,300	2.12	2.47	20.9	134
1945 <sup>2</sup> .....	3,340	103	140	420	1.12	18.3	9,800	2.09	2.54	21.3	139
1946 <sup>2</sup> .....	3,390	104	147	417	1.15	18.6	9,500	2.18	2.58	21.3	137
1947 <sup>2</sup> .....	3,330	97	142	411	1.08	17.3	8,800	1.96	2.42	19.8	129
1948 <sup>2,3</sup> .....	3,260	94	142	402	1.05	16.5	8,600	1.93	2.35	19.0	125
1949 <sup>2,3</sup> .....	3,250	94	141	403	1.05	17.0	8,500	1.91	2.35	19.0	120

<sup>1</sup> Quantities of nutrients computed by Bureau of Human Nutrition and Home Economics on the basis of estimates of apparent per capita consumption (retail basis), including estimates of produce of town and city gardens, prepared by Bureau of Agricultural Economics. No deduction has been made in the nutrient estimates for loss or waste of food in homes, public eating places, and institutions, or for destruction or loss of nutrients during the preparation of food.

<sup>2</sup> Civilian per capita only. Data for iron, thiamine, riboflavin, and niacin include estimates of the quantity of these nutrients added to prepared cereals, white flour, and bread.

<sup>3</sup> Preliminary.

Bureau of Human Nutrition and Home Economics.

TABLE 662.—*Farmers' cooperative marketing and purchasing associations: Number, membership, and business, United States, 1939-48*

Year <sup>1</sup>	Marketing associations			Purchasing associations			Total		
	Associa- tions listed <sup>2</sup>	Esti- mated mem- bership <sup>3</sup>	Estimated business <sup>4</sup>	Associa- tions listed <sup>2</sup>	Esti- mated mem- bership <sup>3</sup>	Estimated business <sup>4</sup>	Associa- tions listed <sup>2</sup>	Esti- mated mem- bership <sup>3</sup>	Estimated business <sup>4</sup>
	Number	1,000 members	1,000 dollars	Number	1,000 members	1,000 dollars	Number	1,000 members	1,000 dollars
1939.....	8,061	2,300	1,729,000	2,649	900	358,000	10,700	3,200	2,087,000
1940.....	7,943	2,420	1,911,000	2,657	980	369,000	10,600	3,400	2,280,000
1941.....	7,824	2,430	2,360,000	2,726	1,170	480,000	10,550	3,600	2,840,000
1942.....	7,708	2,580	3,180,000	2,742	1,270	600,000	10,450	3,850	3,780,000
1943.....	7,522	2,730	4,430,000	2,778	1,520	730,000	10,300	4,250	5,160,000
1944.....	7,400	2,895	4,835,000	2,750	1,610	810,000	10,150	4,505	5,645,000
1945.....	7,378	3,150	5,147,000	2,772	1,860	923,000	10,150	5,010	6,070,000
1946.....	7,268	3,378	6,005,000	2,857	2,058	1,111,000	10,125	5,436	7,116,000
1947.....	7,159	3,630	7,195,000	2,976	2,260	1,440,000	10,135	5,890	8,635,000
1948.....	6,993	3,973	7,700,000	3,082	2,411	1,620,000	10,075	6,384	9,320,000

<sup>1</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>2</sup> Includes independent local associations, federations, large-scale centralized associations, and sal agencies.

<sup>3</sup> The membership estimates include members, contract members, and shareholders, but do not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

<sup>4</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering essential services either in marketing or purchasing. Also includes value of products under Government loan where applicable. Combining the supply business by all associations, the estimated totals for purchasing are: \$448,200,000 in 1939; \$450,000,000 in 1940; \$600,000,000 in 1941; \$750,000,000 in 1942; \$1,010,000,000 in 1943; \$1,095,000,000 in 1944; \$1,220,000,000 in 1945; \$1,452,000,000 in 1946; \$1,822,000,000 in 1947; \$2,022,440,000 in 1948.

Farm Credit Administration. Based on records from associations reporting to the Administration.



TABLE 663.—*Farmers' cooperative marketing and purchasing associations: Number, membership, and business, by commodity groups, United States, 1947 and 1948*<sup>1</sup>

Commodity group	Associations listed <sup>2</sup>		Estimated membership <sup>3</sup>		Estimated business <sup>4</sup>	
	1947	1948	1947	1948	1947	1948
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Marketing:						
Cotton and cotton products <sup>5</sup> .....	514	519	285,000	332,000	298,000	451,000
Dairy products.....	2,091	2,047	788,000	805,000	1,956,000	2,145,000
Fruits and vegetables.....	929	930	176,000	173,000	742,000	776,000
Grain including dry beans and rice.....	2,233	2,192	682,000	740,000	2,390,000	2,266,000
Livestock.....	552	616	905,000	964,000	1,180,000	1,297,000
Nuts.....	40	42	98,000	117,400	100,600	144,000
Poultry and products.....	143	134	131,000	134,500	275,000	304,000
Tobacco.....	16	17	298,000	473,500	121,000	189,400
Wool and mohair.....	123	115	108,000	103,000	35,000	30,000
Miscellaneous products and services <sup>6</sup> .....	518	381	159,000	130,600	97,400	97,600
Total marketing.....	7,159	6,993	3,630,000	3,973,000	7,195,000	7,700,000
Purchasing.....	2,976	3,082	2,260,000	2,411,000	1,440,000	1,620,000
Total marketing and purchasing.....	10,135	10,075	5,890,000	6,384,000	8,635,000	9,320,000

<sup>1</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>2</sup> Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>3</sup> Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

<sup>4</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering essential services either in marketing or purchasing, and where applicable, the value of products under Government loan is included.

<sup>5</sup> Includes ginned cotton, cottonseed, cottonseed oil, cottonseed meal, etc.

<sup>6</sup> Includes associations handling commodities not specified above, those handling several types of commodities, and those furnishing special services.

<sup>7</sup> After adjustments for purchasing business by the marketing associations and marketing business by the purchasing associations, the totals for purchasing are: 1947, \$1,822,000,000, and 1948, \$2,022,440,000.

Farm Credit Administration. Data for 1939-43 in Agricultural Statistics, 1945, table 651; for 1944 in Agricultural Statistics, 1947, table 718; for 1945 in the 1948 book, table 653, and for 1946 in the 1949 book, table 657.

TABLE 664.—Farmers' cooperative marketing and purchasing associations: Number, membership and business, by States, 1948<sup>1</sup>

State and division	Associations listed <sup>2</sup>	Estimated membership <sup>3</sup>	Estimated business <sup>4</sup>	State and division	Associations listed <sup>2</sup>	Estimated membership <sup>3</sup>	Estimated business <sup>4</sup>
	Number	Number	1,000 dollars		Number	Number	1,000 dollars
Maine.....	26	8,860	33,000	South Carolina.....	22	9,350	5,900
New Hampshire.....	11	4,460	18,100	Georgia.....	67	<sup>5</sup> 169,100	<sup>5</sup> 145,300
Vermont.....	38	13,620	35,420	Florida.....	95	12,800	106,020
Massachusetts.....	35	102,690	173,040	South Atlantic.....	477	851,310	619,500
Rhode Island.....	4	1,560	2,970	Kentucky.....	77	<sup>5</sup> 193,950	<sup>5</sup> 97,030
Connecticut.....	31	8,640	31,360	Tennessee.....	102	<sup>5</sup> 206,700	<sup>5</sup> 138,630
New England.....	145	139,830	293,890	Alabama.....	70	66,960	24,090
New York.....	395	175,580	493,800	Mississippi.....	130	66,260	120,900
New Jersey.....	60	32,750	84,880	East South Central.....	379	533,870	380,650
Pennsylvania.....	181	121,590	208,100	Arkansas.....	116	21,220	61,550
Middle Atlantic.....	636	329,930	786,780	Louisiana.....	59	9,460	44,500
Ohio.....	305	297,100	505,300	Oklahoma.....	197	156,620	198,250
Indiana.....	166	273,420	378,560	Texas.....	548	178,470	326,970
Illinois.....	590	561,730	687,210	West South Central.....	920	365,770	631,270
Michigan.....	238	167,300	255,540	Montana.....	181	51,690	80,500
Wisconsin.....	898	353,660	478,050	Idaho.....	122	71,090	82,500
East North Central.....	2,197	1,653,210	2,304,660	Wyoming.....	26	12,840	17,700
Minnesota.....	1,284	614,270	849,200	Colorado.....	115	68,430	142,200
Iowa.....	727	337,300	493,310	New Mexico.....	31	9,340	12,850
Missouri.....	282	321,010	365,430	Arizona.....	13	43,350	9,560
North Dakota.....	575	200,130	273,940	Utah.....	69	32,940	109,290
South Dakota.....	299	131,310	161,060	Nevada.....	7	770	1,060
Nebraska.....	424	200,690	269,300	Mountain.....	564	290,450	455,660
Kansas.....	334	116,450	311,960	Washington.....	196	103,410	256,680
West North Central.....	3,925	1,921,160	2,724,200	Oregon.....	152	84,360	155,370
Delaware.....	13	8,480	5,270	California.....	484	110,700	711,340
Maryland.....	61	53,100	46,540	Pacific.....	832	298,470	1,123,390
District of Columbia.....	1	1,600	24,800	United States.....	10,075	6,384,000	9,320,000
Virginia.....	128	238,550	129,380				
West Virginia.....	45	28,620	6,950				
North Carolina.....	45	<sup>5</sup> 329,710	149,340				

<sup>1</sup> Estimated membership and estimated business for each association is credited to the State in which the association has its headquarters. Reports of associations are included either for the calendar year or for fiscal periods beginning with the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>2</sup> Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>3</sup> Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures, due to the fact that some farmers belong to more than one association.)

<sup>4</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering essential services either in marketing or purchasing, and, where applicable, the value of products under Government loan is included.

<sup>5</sup> Membership and business materially affected by those associations which participate in stabilization and support program.

Farm Credit Administration.

TABLE 665.—*Farmers' cooperatives: Number and membership, by type, United States*

Type	Year or date of data	Associa- tions	Estimated members or partici- pants
<b>Production:</b>		<i>Number</i>	<i>Number</i>
Mutual irrigation companies <sup>1</sup> .....	1940	4,432	148,496
Dairy herd improvement associations <sup>2</sup> .....	Jan. 1950	1,973	40,100
Dairy bull associations <sup>2</sup> .....	Jan. 1950	87	1,027
Cooperative dairy-cattle artificial-breeding associations <sup>2</sup> .....	Jan. 1950	1,460	372,968
Grazing associations <sup>3</sup> .....	June 30, 1948	30	1,311
Indian enterprises <sup>4</sup> .....	Dec. 31, 1947	<sup>5</sup> 205	11,272
<b>Marketing and purchasing:</b>			
Marketing <sup>6</sup> .....	1948-49	6,993	3,973,000
Purchasing <sup>6</sup> .....	1948-49	3,082	2,411,000
<b>Financing:</b>			
National farm loan associations <sup>6</sup> .....	June 30, 1950	1,216	309,000
Production credit associations <sup>6</sup> .....	June 30, 1950	502	460,936
Banks for cooperatives <sup>6</sup> .....	June 30, 1950	13	<sup>7</sup> 2,631,080
Rural credit unions <sup>8</sup> .....	Dec. 31, 1948	700	280,000
<b>Insurance:</b>			
Farmers' mutual fire insurance companies <sup>9</sup> .....	1949	1,850	<sup>9</sup> 3,500,000
<b>Public services:</b>			
Mutual telephone companies <sup>10</sup> .....	1937	32,879	669,344
Electric power and light associations <sup>11</sup> .....	Dec. 31, 1949	898	2,895,062
Soil conservation <sup>12</sup> .....	June 30, 1950	<sup>13</sup> 2,285	<sup>14</sup> 780,500
Rural health cooperatives <sup>15</sup> .....	1948	<sup>16</sup> 46	<sup>17</sup> 23,631

<sup>1</sup> 16th Census of the United States, 1940.<sup>2</sup> Bureau of Dairy Industry, Department of Agriculture.<sup>3</sup> Grazing Service, Department of Interior.<sup>4</sup> Office of Indian Affairs, Department of Interior.<sup>5</sup> There are 241 other Indian Corporate and Tribal Enterprises.<sup>6</sup> Farm Credit Administration, Department of Agriculture.<sup>7</sup> Members of associations borrowing from banks for cooperatives.<sup>8</sup> Estimates based on information from Bureau of Labor Statistics, Department of Labor.<sup>9</sup> Farm Credit Administration estimate.<sup>10</sup> Census of Electrical Industries, 1937, Bureau of the Census. Number of associations includes 2,067 companies with switchboards and 30,812 without switchboards. Number of participants estimated from number of telephones, assuming one patron per telephone.<sup>11</sup> Rural Electrification Administration, Department of Agriculture.<sup>12</sup> Soil Conservation Service, Department of Agriculture. Also 11 Federated Power Cooperatives with 87 member associations.<sup>13</sup> Conservation Districts.<sup>14</sup> Farm plans, also number of members.<sup>15</sup> Joint project of Farm Credit Administration and Public Health Service.<sup>16</sup> Several more associations had been organized but were not operating in 1948.<sup>17</sup> Families.

Farm Credit Administration.

TABLE 666.—Purchase and indemnity operations to encourage the exportation and domestic consumption of agricultural commodities, years beginning July 1, 1948 and 1949

Commodity	Year beginning July 1, 1948	Year beginning July 1, 1949	Commodity	Year beginning July 1, 1948	Year beginning July 1, 1949
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Direct distribution (purchases):			Indemnity payments:		
Butter.....		12,779	Cotton (diversion).....	233	20
Eggs.....	8,836	6,599	Cotton (export).....	2	
Fruits:			Eggs (export).....	5,037	3,034
Apples, canned.....	13		Flaxseed (export).....	4,192	318
Apples, dried.....	56		Fruits:		
Apples, fresh.....		7,301	Apples, fresh (export).....		2,567
Applesauce, canned.....	180		Figs.....	193	12
Apricots.....	51		Grapefruit, fresh (export).....	175	
Figs, dried.....	27		Grapefruit, canned (export).....	1	
Orange juice, canned.....	76		Grapefruit juice (export).....	4	
Peaches, dried.....	133		Orange, fresh (export).....	583	2,063
Pears, fresh.....		2,676	Orange juice (export).....	16	146
Plums, canned.....	45		Pears, fresh (export).....	25	166
Prunes, dried.....	807	98	Pears, fresh (diversion).....	49	
Prunes, fresh.....		115	Prunes, dried (diversion).....		1,869
Raisins, dried.....	926	291	Prunes, dried (export).....	3,295	3,851
Honey.....	1,716	181	Raisins, dried (diversion).....		1,542
Milk, nonfat dry solids.....	1,823	2,802	Raisins, dried (export).....	3,481	5,677
Turkeys.....		3,650	Honey (export).....		165
Vegetables:			Linseed oil (export).....		408
Beans, dry.....		51	Peanuts (export).....	10,167	4,559
Beans, snap.....	15	50	Tree Nuts:		
Cabbage.....	136	129	Almonds (diversion).....		761
Irish potatoes.....	10,650	4,857	Filberts (diversion).....		264
Spinach.....		44	Walnuts (diversion).....		2,950
Sweet potatoes.....	294	137	Sorghum grains (diversion).....		26
Total.....	25,784	41,760	Wheat & wheat flour (export).....		2,295
			Total.....	27,453	32,693
			Grand total.....	53,237	74,453

## Production and Marketing Administration.

TABLE 667.—Federal food distribution programs: Quantity and cost for direct distribution programs, year ended June 30, 1950<sup>1</sup>

Commodity or commodity group	School-lunch programs		Institution and welfare cases		Total	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>2</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Dairy and poultry products.....	56,188	28,606	13,076	7,747	69,263	36,353
Potatoes.....	101,172	3,389	79,218	2,654	180,391	6,043
Other fresh vegetables.....	6,289	243	3,859	152	10,148	395
Canned vegetables.....	45,714	4,085			45,714	4,085
Fresh fruits.....	142,284	7,450	48,269	2,586	190,553	10,036
Dried fruits.....	4,146	424	3,849	403	7,995	827
Canned fruits.....	49,375	4,897	119	10	49,494	4,908
Citrus juice.....	2,173	805	199	18	2,372	822
Miscellaneous products.....	15,805	2,978	3,779	563	19,584	3,541
Total.....	423,146	52,877	152,368	14,133	575,514	67,010

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended; part of the distribution to school-lunch programs, 120,267,864 pounds costing \$16,684,026, was commodities distributed under provisions of Section 6 of the National School Lunch Act. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

<sup>2</sup> Total cost to the Federal Government of the commodity as delivered to the distributing agency; it includes the cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

## Production and Marketing Administration.

TABLE 668.—*Federal food distribution programs: Quantity of food distributed to institutions and welfare cases, and Federal cost, 1941-50*

Year ending June—	Direct distribution <sup>1</sup>		Food stamp program <sup>2</sup>		Relief milk program <sup>3</sup>	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>4</sup>	Quantity	Cost <sup>4</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 half pints	1,000 dollars
1941.....	2,169,059	66,684	1,372,050	82,820	275,296	1,519
1942.....	822,251	26,146	1,926,443	111,616	261,246	2,395
1943.....	296,983	15,447	851,987	49,129	161,202	1,734
1944.....	189,616	11,753				
1945.....	105,600	7,043				
1946.....	74,130	1,852				
1947.....	139,750	2,873				
1948.....	180,191	13,742				
1949.....	173,913	14,002				
1950.....	152,368	14,133				

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended. Distribution to ultimate eligible recipients is accomplished through cooperating distribution agencies in States.

<sup>2</sup> Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

<sup>3</sup> A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

<sup>4</sup> Total cost in subsidy payments by the Government; does not include costs of administration of the program.

<sup>5</sup> A consumer subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced prices to certified households receiving public assistance from State and local welfare agencies. The program was discontinued in June 1943.

Production and Marketing Administration. Data for 1936-40 in Agricultural Statistics, 1948, table 658.

TABLE 669.—*Federal food distribution programs: Persons participating, 1941-50*<sup>1</sup>

Year ending June—	Children participating in school-lunch programs						Persons participating in programs for institutions and welfare groups					
	Direct distri- bution <sup>2</sup>		Indemnity plan <sup>3</sup>		School milk <sup>4</sup>		Direct distri- bution <sup>5</sup>		Food stamp plan <sup>6</sup>		Relief milk <sup>6</sup>	
	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1941.....	2,704	4,715	-----	-----	294	325	9,135	10,252	2,887	3,969	423	460
1942.....	3,990	6,165	-----	-----	586	731	5,034	6,230	3,445	3,821	414	455
1943.....	2,991	5,277	410	774	1,154	2,095	2,491	3,069	2,045	2,600	221	347
1944.....	1,230	2,926	2,193	3,693	-----	-----	301	1,161	-----	-----	-----	-----
1945.....	2,053	3,938	3,146	4,630	-----	-----	679	945	-----	-----	-----	-----
1946.....	1,833	3,688	3,663	5,177	-----	-----	481	828	-----	-----	-----	-----
1947.....	3,270	4,834	4,203	6,016	-----	-----	835	927	-----	-----	-----	-----
1948.....	3,590	7,209	4,411	6,015	-----	-----	899	1,179	-----	-----	-----	-----
1949.....	4,027	6,542	5,130	6,960	-----	-----	915	1,106	-----	-----	-----	-----
1950.....	6,333	10,129	5,863	7,840	-----	-----	950	1,113	-----	-----	-----	-----

<sup>1</sup> In this tabulation, "peak participation" is the participation during the month of the year when the largest number of persons participated in the program; "average participation" is the average for the 12 months of the fiscal year.

<sup>2</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Sec. 32, Public Law 320, 74th Cong., approved Aug. 24, 1935, as amended; and under Sec. 6 of the National School Lunch Act, Public Law 396, 79th Cong., approved June 4, 1946. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

<sup>3</sup> A subsidy program to expand markets for agricultural products, maintain outlets for Sec. 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on basis of the quality and quantity of meals served. The program was started in February 1943.

<sup>4</sup> A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers and were reimbursed by the Government at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

<sup>5</sup> A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

<sup>6</sup> A subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates to certified households receiving assistance from State or local welfare agencies. The program was discontinued in June 1943.

Production and Marketing Administration. Data for 1936-40 in Agricultural Statistics, 1948, table 660.

TABLE 670.—School-lunch programs: Quantity and cost of Federal assistance, 1941-50

Year ending June—	Direct distribution				Indemnity plan <sup>4</sup>	School milk <sup>5</sup>
	Section 32 <sup>1</sup>		Section 6 <sup>2</sup>			
	Quantity	Cost <sup>3</sup>	Quantity	Cost <sup>3</sup>	Cost <sup>3</sup>	Cost <sup>3</sup>
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1941.....	340,780	13,119				592
1942.....	454,503	21,859				1,474
1943.....	278,659	17,563			975	4,826
1944.....	92,776	7,814			26,585	
1945.....	94,390	5,796			41,613	
1946.....	76,622	5,834			51,290	
1947.....	111,242	2,313	40,108	5,735	59,875	
1948.....	202,665	19,341	80,648	13,438	53,989	
1949.....	218,917	21,550	67,438	14,475	58,875	
1950.....	302,878	36,193	120,268	16,684	64,565	

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended.

<sup>2</sup> Distribution of commodities acquired by the Government and distributed under provisions of Section 6 of the National School Lunch Act, Public Law 396, 79th Congress, approved June 4th, 1946.

<sup>3</sup> Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

<sup>4</sup> A subsidy program to expand markets for agricultural products, maintain outlets for Section 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on a basis of the quality and quantity of meals served. The program was started in February 1943. The figure for 1947 does not include the sum of \$9,696,587, which was expended under authority contained in Section 5 of the National School Lunch Act to provide nonfood assistance for the school-lunch programs. Approximately 39,000 schools purchased lunch-room equipment under this program.

<sup>5</sup> Total cost in subsidy payments by the Government; does not include costs of administration of the program.

<sup>6</sup> A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers, and were reimbursed by the Government, at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

Production and Marketing Administration. Data for 1936-40 in Agricultural Statistics, 1948, table 657.

TABLE 671.—Commodity Credit Corporation deliveries to export programs, by commodity groups, invoiced during years beginning July 1, 1940-48

Commodity group	Year beginning July 1—									
	1940		1941		1942		1943		1944	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars
Dairy products.....	40.7	8.3	973.9	112.3	943.8	133.6	1,040.5	186.0	1,698.8	369.4
Poultry products.....	24.6	4.2	174.9	137.3	128.6	135.2	200.4	266.3	273.3	349.6
Fats and oils.....	16.2	1.6	576.7	66.3	603.1	96.7	1,348.1	209.4	1,682.8	261.5
Soap and related products.....					17.3	1.7	42.9	3.5	41.1	4.6
Dried fruits.....	33.6	1.5	277.0	17.5	200.0	18.3	202.7	28.0	439.6	74.1
Fruits (except dried).....			147.4	14.5	131.8	23.9	331.4	59.3	258.8	46.1
Potatoes.....			28.2	1.4	19.1	1.0	138.7	8.0	139.1	34.6
Vegetables (except potatoes).....	22.2	1.3	92.1	6.6	89.5	7.1	387.9	33.5	250.4	39.9
Soups.....			.2		3.7	.7	33.0	7.3	32.6	9.0
Whole grains.....			653.0	11.9	681.1	29.2	1,052.1	53.0	2,836.0	103.7
Flour.....	25.0	.7	130.0	5.1	426.3	15.8	777.5	32.1	1,102.0	44.6
Grain products, other.....			74.9	2.6	162.9	6.1	369.7	20.1	403.4	21.0
Pulses.....	13.7	.7	259.8	14.0	341.5	19.8	638.5	41.7	1,168.4	76.5
Meats.....	16.9	3.6	753.9	219.6	1,074.5	344.3	1,719.4	569.3	2,151.7	595.1
Fish.....	36.2	3.7	271.3	31.7	967.0	74.2	447.7	74.7	469.2	83.8
Beverage materials.....			1.2		6.3	2.8	19.5	6.3	30.4	8.9
Sugar and related products.....			267.5	7.9	1,578.7	47.6	2,148.5	83.3	1,019.3	61.3
Miscellaneous food commodities.....	6.6	.3	172.2	8.7	154.8	16.3	232.1	42.8	247.9	74.3
Fiber products.....			367.1	71.3	286.1	65.0	506.0	116.3	513.1	116.1
Naval stores.....			121.8	5.1	109.8	3.4	99.9	3.7	64.1	4.8
Seeds.....			20.6	6.1	29.0	8.1	31.6	7.5	114.8	27.8
Livestock.....										
Tobacco.....	10.6	3.0	190.0	49.1	218.6	81.8	278.8	133.7	374.1	208.8
Fertilizer, Insecticides.....					.1		8.7	.5	.6	.7
Miscellaneous non-food commodities.....	13.0	.4	90.0	3.0	66.3	5.2	2.3	2.0	5.1	1.9
Total.....	259.3	29.3	5,643.7	792.0	8,239.9	1,137.8	11,957.9	1,988.3	15,316.6	2,618.1



Commodity group	Year beginning July 1—									
	1945		1946		1947		1948		Cumulative total	
	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million pounds</i>	<i>Million dollars</i>
Dairy products.....	1,466.7	275.5	746.6	149.6	331.4	43.3	230.9	36.3	7,473.3	1,314.3
Poultry products.....	115.7	146.7	107.2	120.1	57.2	52.1	43.1	9.8	1,125.0	1,221.3
Fats and oils.....	770.7	97.6	324.5	57.0	389.6	75.3	1,418.5	140.1	7,130.2	1,005.5
Soap and related products.....	95.3	12.0	48.6	6.3	10.0	1.6	10.4	1.1	265.6	30.8
Dried fruit.....	40.1	8.0	6.2	.8	361.6	15.3	217.9	15.0	1,778.7	178.5
Fruits (except dried).....	95.1	16.2	16.2	2.4	16.0	.6	-----	-----	996.7	163.0
Potatoes.....	175.9	18.0	686.0	9.3	731.2	5.4	445.2	26.0	2,263.4	103.7
Vegetables (except potatoes).....	130.2	26.8	6.0	1.2	-----	-----	-----	-----	978.3	116.4
Soups.....	53.9	8.7	116.8	16.3	-----	-----	-----	-----	240.2	42.0
Whole grains.....	14,604.4	491.4	18,277.7	696.4	19,855.1	935.9	27,496.0	1,074.7	85,455.4	3,396.2
Flour.....	1,825.1	75.9	3,356.6	196.2	4,049.0	242.5	1,917.6	99.2	13,609.1	712.1
Grain products, other.....	334.9	14.6	350.2	13.3	98.2	7.9	18.0	.6	1,812.2	86.2
Pulses.....	449.4	32.9	31.4	2.2	186.3	18.2	124.7	9.7	3,213.7	215.7
Meats.....	756.5	195.6	399.3	106.8	46.9	12.2	19.0	4.9	6,938.1	2,051.4
Fish.....	216.6	39.4	113.8	25.4	22.7	3.0	-----	-----	2,544.5	335.9
Beverage materials.....	27.2	4.2	33.7	4.1	-----	-----	-----	-----	118.3	26.3
Sugar and related products.....	732.5	39.4	273.2	15.6	1,191.9	48.7	1,480.6	61.3	8,692.2	365.1
Miscellaneous food commodities.....	72.5	15.2	133.6	9.1	.9	.1	-----	-----	1,020.6	166.8
Fiber products.....	1,079.2	243.8	818.3	240.4	256.2	83.2	9.4	4.2	3,835.4	940.3
Naval stores.....	16.0	1.7	12.3	.7	-----	-----	-----	-----	423.9	19.4
Seeds.....	225.6	29.6	97.4	8.2	133.3	13.7	53.7	7.5	706.0	108.5
Livestock.....	-----	14.4	-----	19.0	-----	-----	-----	-----	-----	23.4
Tobacco.....	403.1	208.6	18.9	7.2	-----	-----	-----	-----	1,494.1	692.2
Fertilizer, insecticides.....	187.6	4.2	88.4	2.4	-----	-----	-----	-----	285.4	7.8
Miscellaneous non-food commodities.....	1.2	1.2	.3	-----	-----	-----	2.0	.3	180.2	14.0
Total.....	23,875.4	2,011.6	26,063.2	1,710.0	27,737.5	1,559.0	33,487.0	1,490.7	152,580.5	13,336.8

<sup>1</sup> Number of head not available by period.

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TABLE 672.—Commodity Credit Corporation deliveries to export programs, invoiced during years beginning July 1, 1940-48

Program	Year beginning July 1—									
	1940		1941		1942		1943		1944	
	Million Pounds	Million Dollars	Million Pounds	Million Dollars	Million Pounds	Million Dollars	Million Pounds	Million Dollars	Million Pounds	Million Dollars
Lend-Lease.....	259.3	29.3	5,551.5	782.9	6,941.8	999.8	9,518.4	1,671.8	10,904.1	2,137.5
Cash-paying governments.....			5.2	2.3	78.6	12.9	305.8	100.9	383.0	153.5
U.N.R.R.A.....									123.2	13.6
U.S. Foreign Relief.....										
Interim Aid.....										
Greek-Turkish Aid.....										
E.C.A.....										
Army.....			2.2	.1	323.2	37.7	919.9	93.6	2,791.9	195.2
Bizone (U.S. financed).....										
Bizone (British financed).....										
Other Government agencies.....			1.0	.4	153.7	21.9	142.6	16.7	110.2	18.7
American Red Cross.....			5.5	.9	44.9	10.8	109.7	31.0	106.2	31.2
U.N.O. affiliated organizations.....										
Private relief organizations.....					.9	.6	1.3	.4	.2	.1
Territorial emergency stockpiles.....			78.3	5.4	696.8	54.1	960.2	173.9	897.8	68.3
Private exporters.....										
Japanese-German cotton.....										
Total.....	259.3	29.3	5,643.7	792.0	8,239.9	1,137.8	11,957.9	1,988.3	15,316.6	2,618.1
Program	Year beginning July 1—									
	1945		1946		1947		1948		Cumulative Total	
	Million Pounds	Million Dollars	Million Pounds	Million Dollars	Million Pounds	Million Dollars	Million Pounds	Million Dollars	Million Pounds	Million Dollars
Lend-Lease.....	8,230.6	872.4	292.9	45.0	4,353.0	246.2	3,919.2	151.9	41,698.6	6,538.7
Cash-paying governments.....	4,739.1	425.2	9,147.5	642.1	93.6	25.4			22,931.4	1,735.0
U.N.R.R.A.....	6,769.0	1,478.9	7,461.7	1,507.1	3,219.1	190.6			14,447.5	1,025.0
U.S. Foreign Relief.....					3,777.6	234.3	9.4	1.6	3,219.1	190.6
Interim Aid.....					439.2	27.4			3,787.0	235.9
Greek-Turkish Aid.....					1,718.1	84.4	14,065.6	648.8	439.2	27.4
E.C.A.....					3,969.2	185.1	5,772.2	238.5	15,783.7	733.2
Army.....	3,633.0	192.0	5,854.8	234.5	7,603.7	392.1	9,509.3	427.1	23,266.4	1,176.7
Bizone (U.S. financed).....			1,739.9	74.5	1,966.7	95.1			18,042.8	860.9
Bizone (British financed).....									3,706.6	169.6
Other Government agencies.....	191.6	15.9	49.5	5.7					648.8	79.3
American Red Cross.....	.9	.2	17.0	.7	64.3	2.2			348.5	77.0
U.N.O. affiliated organizations.....					83.9	15.9	108.5	19.1	192.4	35.0
Private relief organizations.....	2.8	.9	.1		.2		.2	.1	5.7	2.1
Territorial emergency stockpiles.....	308.4	26.1							2,941.5	227.8
Private exporters.....			33.6	.2	282.1	4.5	102.6	3.6	418.3	8.3
Japanese-German cotton.....			536.4	158.5	166.6	55.8			703.0	214.3
Total.....	23,875.4	2,011.6	26,063.2	1,710.0	27,737.5	1,559.0	33,487.0	1,490.7	152,580.5	13,336.8

<sup>1</sup> Includes value of livestock for which no quantity shown. Total number of head shipped and programs during entire period 175,460. Production and Marketing Administration.

TABLE 673.—*Farm product prices: Average prices received by farmers, United States, average 1935-39, annual 1946-49*

Commodity	Unit	Prices received <sup>1</sup>				
		1935-39	1946	1947	1948	1949 <sup>2</sup>
<i>Dollars</i>						
Basic commodities:						
Cotton.....	Lb.....	0.1034	0.2819	0.3240	0.3215	0.2910
Wheat.....	Bu.....	.837	1.74	2.35	2.15	1.92
Rice.....	Bu.....	.742	1.92	2.49	2.74	2.04
Corn.....	Bu.....	.691	1.41	1.87	1.88	1.17
Peanuts.....	Lb.....	.0355	.0881	.0982	.103	.104
Tobacco: <sup>3</sup>						
Flue-cured, types 11-14.....	Lb.....	.205	.483	.412	.496	.472
Fire-cured, types 21-24.....	Lb.....	.102	.260	.295	.319	.298
Burley, type 31.....	Lb.....	.222	.397	.485	.460	.452
Maryland, type 32.....	Lb.....	.204	.445	.428	.544	.485
Dark air-cured, types 35-36.....	Lb.....	.092	.224	.256	.284	.278
Sun-cured, type 37.....	Lb.....	.120	.242	.286	.320	.314
Pa. seedleaf, type 41.....	Lb.....	.119	.325	.305	.263	.264
Cigar filler and binder, types 42-44, 46, and 51-55.....	Lb.....	.127	.455	.384	.353	.305
Designated non-basic commodities:						
Potatoes <sup>6</sup> .....	Bu.....	.693	1.22	1.60	1.53	1.28
Tung nuts <sup>3</sup> .....	Ton.....	35.60	96.90	64.90	49.10	64.40
Butterfat.....	Lb.....	.291	.656	.730	.786	.620
Milk, wholesale.....	Cwt.....	1.81	4.05	4.34	4.89	4.00
Mohair <sup>3</sup> .....	Lb.....	.452	.611	.537	.454	.463
Wool.....	Lb.....	.238	.418	.416	.469	.495
Honey, wholesale: <sup>3</sup>						
Comb.....	Lb.....	.138	.316	.318	.304	.281
Extracted.....	Lb.....	.060	.209	.220	.137	.113
Other non-basic commodities:						
Barley.....	Bu.....	.533	1.25	1.59	1.50	1.03
Beans, dry edible.....	Cwt.....	3.52	7.95	12.20	10.20	7.44
Buckwheat.....	Bu.....	.662	1.50	1.68	1.66	1.02
Cottonseed.....	Ton.....	27.52	60.20	85.20	82.20	47.60
Dry field peas <sup>6</sup> .....	Cwt.....	2.11	4.90	5.38	4.94	3.54
Flaxseed.....	Bu.....	1.69	3.84	6.54	5.85	4.22
Hay, all baled <sup>10</sup> .....	Ton.....	11.20	19.80	21.40	23.40	22.50
Oats.....	Bu.....	.340	.773	.956	.943	.656
Rye.....	Bu.....	.554	1.81	2.42	1.81	1.23
Sorghums for grain.....	Cwt.....	1.17	2.45	2.84	2.79	1.97
Soybeans.....	Bu.....	.954	2.31	3.23	3.13	2.16
Sweetpotatoes.....	Bu.....	.807	2.34	2.30	2.33	2.43
Fruits:						
Citrus: <sup>6</sup>						
Grapefruit <sup>11</sup> .....	Box.....	.45	.68	.33	.64	1.67
Lemons <sup>11</sup> .....	Box.....	1.86	2.00	1.82	3.44	3.10
Limes, Florida.....	Box.....	3.65	4.45	3.92	3.63	4.00
Oranges <sup>11</sup> .....	Box.....	1.01	1.24	.98	1.45	1.92
Deciduous and other:						
Apples:						
Apples <sup>12</sup> .....	Bu.....	.90	3.16	2.67	2.12	2.38
For canning <sup>6</sup> .....	Ton.....	9.65	76.60	56.50	46.90	35.70
For drying <sup>6 13</sup> .....	Ton.....	7.50	43.80	11.70	18.80	14.60
Apricots: <sup>6</sup>						
For fresh consumption.....	Ton.....	48.70	140.00	121.00	89.60	71.40
For canning.....	Ton.....	34.80	96.50	72.60	56.50	51.20
Dried <sup>13</sup> .....	Ton.....	209.00	600.00	480.00	418.00	495.00
Avocados <sup>3 14</sup> .....	Ton.....	127.00	383.00	378.00	361.00	329.00
Berries: <sup>6 15</sup>						
Blackberries.....	Lb.....	.031	.164	.091	.080	.089
Boysenberries.....	Lb.....	.050	.207	.084	.114	.067
Gooseberries.....	Lb.....	.042	.094	.041	.067	.069
Loganberries.....	Lb.....	.039	.222	.083	.121	.072
Raspberries, black.....	Lb.....	.066	.274	.210	.213	.194
Raspberries, red.....	Lb.....	.065	.304	.173	.142	.129
Youngberries.....	Lb.....	.044	.206	.082	.114	.066
Cherries: <sup>3</sup>						
Sour.....	Ton.....	56.50	301.00	199.00	184.00	189.00
Sweet.....	Ton.....	102.00	280.00	256.00	276.00	155.00
Cranberries <sup>3</sup> .....	Bbl.....	11.10	31.90	17.10	10.10	9.23
Dates <sup>6 13 14</sup> .....	Ton.....	112.00	185.00	81.00	110.00	148.00
Figs: <sup>6</sup>						
For fresh consumption <sup>13 14</sup> .....	Ton.....	52.70	211.00	168.00	116.00	128.00
For canning.....	Ton.....	62.00	133.00	109.00	93.10	83.50
Dried <sup>13</sup> .....	Ton.....	66.20	278.00	123.00	139.00	180.00

See footnotes at end of table.

TABLE 673.—*Farm product prices: Average prices received by farmers, United States, average 1935-39, annual 1946-49—Continued*

Commodity	Unit	Prices received <sup>1</sup>				
		1935-39	1946	1947	1948	1949 <sup>2</sup>
Other non-basic commodities—Continued.						
Fruits:						
Deciduous and other:						
Grapes: <sup>6</sup>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Raisins, dried <sup>13</sup>	Ton	55.70	312.00	132.00	134.00	128.00
Grapes, excl. raisins dried	Ton	19.00	98.40	44.10	41.10	37.00
Wine and brandy <sup>13</sup>	Ton	13.90	90.70	29.80	30.30	26.80
All other	Ton	24.70	117.00	61.00	61.50	50.00
Olives: <sup>6 13</sup>						
Canned	Ton	87.80	450.00	186.00	224.00	247.00
Crushed for oil	Ton	38.00	216.00	121.00	118.00	90.00
Peaches: <sup>6</sup>						
For fresh consumption <sup>17</sup>	Bu.	1.07	2.50	1.94	2.40	1.8
For canning <sup>13</sup>						
Clingstone	Ton	25.70	63.50	49.70	63.30	40.00
Freestone	Ton	21.40	59.00	40.00	50.00	34.20
Dried <sup>12</sup>	Ton	125.00	333.00	195.00	301.00	268.00
Pears: <sup>6</sup>						
For fresh consumption <sup>18</sup>	Bu.	.63	2.25	1.70	1.86	1.08
For canning	Ton	21.50	91.70	73.50	113.00	30.10
Dried <sup>12</sup>	Ton	118.00	365.00	275.00	385.00	252.00
Pineapples, Florida <sup>6</sup>	Box	2.14	9.50	4.75	5.00	4.80
Plums: <sup>6</sup>						
For fresh consumption	Ton	47.10	144.00	159.00	149.00	104.00
For canning <sup>12</sup>	Ton	25.80	70.00	57.00	60.00	40.00
Prunes: <sup>6</sup>						
For fresh consumption	Ton	35.50	113.00	86.50	74.70	50.20
For canning	Ton	14.30	66.50	57.90	39.00	21.00
Dried	Ton	59.20	256.00	148.00	152.00	155.00
Strawberries: <sup>3</sup>						
For fresh consumption <sup>19</sup>	Crate	2.71	9.82	7.73	8.37	7.79
For processing <sup>20</sup>	Lb.	.057	.271	.187	.203	.143
Tobacco: <sup>3</sup>						
Cigar wrapper, type 61	Lb.	.794	2.40	3.10	2.90	2.50
Cigar wrapper, type 62	Lb.	.695	2.20	2.65	2.45	2.10
Livestock and livestock products:						
Beef cattle	Cwt.	6.56	14.40	18.50	22.40	19.90
Beeswax <sup>3</sup>	Lb.	.201	.444	.438	.432	.376
Chickens	Lb.	.149	.268	.287	.294	.265
Eggs	Doz.	.217	.392	.464	.480	.455
Hogs	Cwt.	8.38	17.30	24.20	23.30	18.30
Lambs	Cwt.	7.79	15.40	20.40	22.70	22.70
Sheep	Cwt.	3.93	7.30	8.41	9.60	9.45
Turkeys	Lb.	.160	.332	.319	.410	.380
Veal calves	Cwt.	7.80	15.10	20.30	24.40	23.00
Seed crops:						
Alfalfa	Bu.	11.47	21.20	19.80	19.00	24.90
Alsike clover <sup>3</sup>	Bu.	10.74	19.00	19.20	16.90	17.30
Austrian winter peas <sup>3</sup>	Cwt.	21 2.92	3.45	4.83	6.05	4.35
Crimson clover <sup>3</sup>	Cwt.	7.58	16.80	18.30	22.90	19.70
Lespedeza <sup>3</sup>	Cwt.	6.06	7.81	11.50	8.47	6.47
Orchard grass <sup>3</sup>	Cwt.	9.74	11.10	9.79	15.40	18.10
Red clover	Bu.	12.24	19.80	26.30	28.30	24.40
Redtop <sup>3</sup>	Cwt.	9.19	16.80	13.20	41.50	42.30
Ryegrass, common <sup>3</sup>	Cwt.	21 4.06	7.50	5.95	7.80	9.75
Sudan grass <sup>3</sup>	Cwt.	1.94	7.51	6.34	5.69	5.34
Sweet clover <sup>6</sup>	Bu.	22 3.32	6.35	6.40	8.25	8.85
Timothy	Bu.	2.28	2.77	2.85	3.66	7.97
Vetch, hairy <sup>3</sup>	Cwt.	21 6.96	14.10	16.50	18.20	16.30
White clover <sup>3</sup>	Cwt.	20.74	62.60	42.20	65.20	81.20
Sugar crops:						
Maple sirup <sup>3</sup>	Gal.	1.55	3.30	5.18	4.78	4.43
Maple sugar <sup>3</sup>	Lb.	.279	.656	.849	.830	.805
Sorghum sirup <sup>6</sup>	Gal.	.567	2.13	1.76	1.67	1.72
Sugar beets <sup>3 23</sup>	Ton	6.67	13.63	14.34	13.00	13.18
Sugarcane for sugar <sup>3 23 24</sup>	Ton	3.96 <sup>1</sup>	7.98	8.53	7.00	7.33
Sugarcane sirup <sup>6</sup>	Gal.	.435	1.55	1.17	.982	.924
Tree nuts: <sup>3</sup>						
Almonds	Ton	285.00	486.00	558.00	422.00	332.00
Filberts	Ton	240.00	384.00	252.00	258.00	219.00
Pecans, improved	Ton	248.00	802.00	590.00	306.00	434.00
Pecans, seedling	Ton	142.00	578.00	368.00	200.00	338.00
Walnuts	Ton	198.00	554.00	381.00	417.00	329.00

See footnotes at end of table.

TABLE 673.—*Farm product prices: Average prices received by farmers, United States, average 1935-39, annual 1946-49—Continued*

Commodity	Unit	Prices received <sup>1</sup>				
		1935-39	1946	1947	1948	1949 <sup>2</sup>
Other non-basic commodities:						
(Continued):						
Vegetables:						
For fresh market: <sup>3</sup>						
Artichokes <sup>13</sup>	Box	Dollars 1.85	Dollars 3.75	Dollars 3.00	Dollars 3.50	Dollars 4.05
Asparagus	Crate	1.69	3.86	3.75	3.54	3.65
Beans, lima	Bu.	1.45	3.21	2.41	2.79	2.35
Beans, snap	Bu.	1.07	2.40	2.20	2.45	2.23
Beets	Bu.	.47	.81	.82	1.04	1.01
Cabbage	Ton	14.81	29.47	42.67	29.42	31.24
Cantaloups	Crate	1.19	3.10	3.24	3.01	2.74
Carrots	Bu.	.65	1.35	1.70	1.87	1.55
Cauliflower	Crate	.66	1.47	1.51	1.32	1.19
Celery	1/2 crate	1.21	1.91	2.75	1.86	2.13
Corn, sweet <sup>14</sup>	1,000 ears	10.12	30.12	22.69	32.07	21.54
Cucumbers	Bu.	.92	2.39	2.14	2.38	2.14
Eggplant	Bu.	.68	1.53	1.90	1.44	1.34
Garlic	Cwt.	3.38	13.67	10.01	19.70	9.95
Kale <sup>15</sup>	Bu.	.30	.85	.60	1.05	.50
Lettuce	Crate	1.48	2.60	3.19	3.15	3.66
Onions	50-lb. sack	.56	.89	2.05	1.33	1.73
Peas, green	Bu.	1.16	2.04	2.16	2.16	2.19
Peppers, green	Bu.	.72	1.80	2.39	1.87	1.87
Shallots <sup>16</sup>	Bu.	.76	1.90	1.99	1.64	1.76
Spinach	Bu.	.42	.79	.91	.92	.99
Tomatoes	Bu.	1.24	2.87	3.13	3.20	2.83
Watermelons	1,000	112.00	384.00	319.00	389.00	313.00
For processing <sup>3</sup>						
Asparagus	Ton	13 77.97	179.27	134.70	162.34	177.04
Beans, lima <sup>17</sup>	Ton	63.61	126.90	142.49	161.49	145.77
Beans, snap	Ton	44.51	117.76	104.03	120.90	112.60
Beets	Ton	11.38	18.58	19.73	22.77	20.46
Cabbage	Ton	8.18	13.14	17.22	14.53	12.29
Corn, sweet	Ton	9.89	19.85	20.82	23.30	20.29
Cucumbers	Bu.	.57	1.40	1.35	1.62	1.41
Peas, green <sup>18</sup>	Ton	51.22	86.13	87.19	90.04	86.02
Pimientos	Ton	31.06	60.10	60.00	70.00	70.00
Spinach	Ton	14.36	42.57	39.14	44.69	39.11
Tomatoes	Ton	12.40	30.42	28.63	27.71	23.51
Miscellaneous commodities:						
Broomcorn <sup>19</sup>	Ton	85.81	292.00	300.00	308.00	216.00
Cotton, American Egyptian <sup>20</sup>	Lb.	.2290	.4579	.6160	.6220	.5780
Cowpeas	Bu.	1.47	4.22	4.56	4.70	3.76
Gum rosin, all grades <sup>21</sup>	Cwt.	2.50	7.43	7.83	7.39	6.47
Gum turpentine <sup>22</sup>	Gal.	.261	.967	.627	.428	.384
Hops <sup>23</sup>	Lb.	.196	.627	.684	.554	.569
Milk cows	Head	54.30	131.00	151.00	185.00	183.00
Milk retail <sup>24</sup>	Qt.	.102	.152	.174	.188	.185
Peppermint oil <sup>25</sup>	Lb.	1.97	6.36	6.94	6.20	4.87
Popcorn <sup>26</sup>	Cwt.	1.95	3.51	4.72	4.33	3.28
Spearmint oil <sup>27</sup>	Lb.	1.51	5.61	5.57	4.30	3.17
Sweet sorghum forage <sup>28</sup>	Ton	6.46	14.60	17.30	15.60	12.60
Velvet beans <sup>29</sup>	Ton	12.28	34.20	33.50	33.20	38.80

<sup>1</sup> Simple averages for the calendar year, unless otherwise noted.<sup>2</sup> Preliminary; based on information available through July 1950.<sup>3</sup> Season average prices for the periods designated. State averages weighted by production to obtain United States average.<sup>4</sup> Based on auction sales through July 15.<sup>5</sup> Also includes types 45 and 56 which are not included in current series. Revised.<sup>6</sup> Season average prices for the periods designated. State averages weighted by sales to obtain United States average.<sup>7</sup> Does not include dairy production payments for butterfat in cream paid prior to July 1946.<sup>8</sup> Does not include dairy production payments paid prior to July 1946.<sup>9</sup> December 1 prices for the periods designated. State averages weighted by production to obtain United States average.<sup>10</sup> Publication of prices received by farmers for hay sold loose was discontinued in July 1949 because progressively smaller amounts of hay have been sold loose in recent years.<sup>11</sup> Equivalent on-tree returns for all methods of sale.<sup>12</sup> Primarily for fresh use.<sup>13</sup> California only.<sup>14</sup> Equivalent per unit returns for bulk fruit at first delivery point.<sup>15</sup> Washington and Oregon berries only; primarily for processing.

Footnotes continued on next page.

TABLE 674.—*Farm-to-retail price spreads and marketing charges for farm food products, 1929-49*<sup>1</sup>

Year	Retail cost <sup>2</sup>	Farm value adjusted for by-products <sup>3</sup>	Marketing margin <sup>4</sup>	Government marketing taxes (-) and payments (+) <sup>5</sup>	Marketing charges <sup>6</sup>	Farmer's share of consumer's dollar <sup>7</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
1929.....	436	183	253	0	253	42
1930.....	422	163	259	0	259	39
1931.....	340	120	220	0	220	35
1932.....	285	90	195	0	195	32
1933.....	277	90	187	-2	185	32
1934.....	312	106	206	-8	198	34
1935.....	347	134	213	-9	204	39
1936.....	350	141	209	0	209	40
1937.....	363	151	212	0	212	42
1938.....	329	127	202	0	202	39
1939.....	318	122	196	0	196	38
1935-39 average.....	341	135	206	-2	204	40
1940.....	319	127	192	0	192	40
1941.....	349	154	195	0	195	44
1942.....	409	195	214	0	214	48
1943.....	459	236	223	+5	228	51
1944.....	451	233	218	+12	230	52
1945.....	459	246	213	+16	229	54
1946.....	528	279	249	+9	258	53
1947.....	644	335	309	0	309	52
1948.....	690	350	340	0	340	51
1949.....	646	309	337	0	337	48

<sup>1</sup> These estimates are calculated in terms of a market basket of farm food products, containing quantities equivalent to 1935-39 annual average purchases per family of three average consumers. The market basket total is broken down into six major commodity groups, as shown in the succeeding table. Quantities of foods valued in these series do not change from year to year.

<sup>2</sup> Retail costs of the market basket and commodity groups are calculated from prices estimated to represent average cost to all purchasing consumers in the United States. These are based principally upon retail price series published by the Bureau of Labor Statistics and the Bureau of Agricultural Economics, with supplementary adjustments.

<sup>3</sup> Farm value is calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases and is adjusted by subtracting an imputed value at the farm level of nonfood byproducts obtained in processing. No adjustment is made for various Government payments to producers.

<sup>4</sup> The marketing margin is the spread or difference between retail cost to consumers and payments to farmers for equivalent produce, less imputed value of byproducts.

<sup>5</sup> For the quantities of products included in the market basket, net total Government taxes levied upon processors and other marketing agencies are denoted by a minus sign, while net total payments to marketing agencies are denoted by a plus sign.

<sup>6</sup> Marketing charges equal the marketing margin, minus Government marketing taxes, plus Government marketing payments, and represent total payments to marketing agencies for their services.

<sup>7</sup> The farmer's share of the consumer's dollar spent for farm food products is obtained by expressing the farm value as a percentage of retail cost. The remainder of the consumer's dollar goes to pay the marketing margin and does not include Government payments to marketing agencies but does include Government taxes on these agencies.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1949, table 668.

## FOOTNOTES FOR TABLE 673 (Cont'd):

<sup>16</sup> Oregon only.

<sup>17</sup> California peaches for fresh use and average prices for all peaches in other States combined.

<sup>18</sup> Pacific Coast pears for fresh use, equivalent packing-house-door returns, and average price for all pears in other States combined.

<sup>19</sup> Oregon, Washington, and Louisiana strawberries for fresh use and prices of all strawberries in other States combined.

<sup>20</sup> Oregon, Washington, and Louisiana only.

<sup>21</sup> 5-season average, 1936-40.

<sup>22</sup> Revised. State averages weighted by production to obtain United States average.

<sup>23</sup> Actual prices include Government payments to farmers authorized by the Sugar Acts as follows: Sugarcane, 1935-39 average \$0.90; 1946 and 1947, \$1.36; 1948, \$1.24; 1949, \$1.33. Sugar beets, 1935-39 average \$1.37; 1946, \$2.43; 1947, \$2.44; 1948, \$2.40; 1949, \$2.48; and Special Support payments of approximately \$1.30 per ton in 1947.

<sup>24</sup> Continental United States only; Hawaii and Puerto Rico not included.

<sup>25</sup> New Jersey, New York, and Pennsylvania.

<sup>26</sup> Virginia only.

<sup>27</sup> Louisiana only.

<sup>28</sup> 3-season average, 1937-39.

<sup>29</sup> Shelled basis.

<sup>30</sup> Savannah market prices net weight basis; prices received by farmers not available.

<sup>31</sup> Retailled by farmers directly to consumers.

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TABLE 675.—*Farm-to-retail price spreads and marketing charges by major food commodity groups, averages 1921-30 and 1935-39, annual 1945-49*<sup>1</sup>

Commodity group and year	Retail cost <sup>2</sup>	Farm value adjusted for by-products <sup>3</sup>	Marketing margin <sup>4</sup>	Government marketing taxes (-) <sup>5</sup>	Government marketing payments (+) <sup>6</sup>	Marketing charges <sup>6</sup>	Farm-er's share of consumer's dollar <sup>7</sup>
<b>Meat products:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>
1921-30 average.....	99.09	45.90	53.19	-----	-----	53.19	46
1935-39 average.....	88.57	41.60	46.97	-1.09	-----	45.88	47
1945.....	100.62	73.25	27.37	-----	+9.47	36.84	73
1946.....	129.03	88.23	40.80	-----	+6.04	46.84	68
1947.....	185.71	118.62	67.09	-----	-----	67.09	64
1948.....	208.06	130.74	77.32	-----	-----	77.32	63
1949.....	187.81	113.02	74.79	-----	-----	74.79	60
<b>Dairy products:</b>							
1921-30 average.....	82.91	42.78	40.13	-----	-----	40.13	52
1935-39 average.....	67.31	33.42	33.89	-----	-----	33.89	50
1945.....	89.36	50.37	38.99	-----	+2.30	41.29	56
1946.....	108.89	62.86	46.03	-----	+ .12	46.15	58
1947.....	122.25	71.80	50.45	-----	-----	50.45	59
1948.....	133.94	78.12	55.82	-----	-----	55.82	58
1949.....	122.56	67.09	55.47	-----	-----	55.47	55
<b>Poultry and eggs:</b>							
1921-30 average.....	37.00	24.75	12.25	-----	-----	12.25	67
1935-39 average.....	26.47	17.57	8.90	-----	-----	8.90	66
1945.....	42.91	31.61	11.30	-----	-----	11.30	74
1946.....	45.49	32.08	13.41	-----	-----	13.41	71
1947.....	51.85	35.40	16.45	-----	-----	16.45	68
1948.....	55.52	37.99	17.53	-----	-----	17.53	68
1949.....	53.03	35.41	17.62	-----	-----	17.62	67
<b>Bakery and other cereal products:</b>							
1921-30 average.....	63.13	15.66	47.47	-.01	-----	47.46	25
1935-39 average.....	55.09	11.63	43.46	-.66	-----	42.80	21
1945.....	63.50	20.50	43.00	-.05	+2.77	45.72	32
1946.....	72.36	23.90	48.46	-.05	+1.76	50.17	33
1947.....	89.17	31.53	57.64	-.05	+ .01	57.60	35
1948.....	96.18	29.59	66.59	-.05	-----	66.54	31
1949.....	93.72	25.40	68.32	-.05	-----	68.27	27
<b>Fruits and vegetables, fresh and processed:</b>							
1921-30 average.....	112.69	36.19	76.50	-----	-----	76.50	32
1935-39 average.....	77.79	23.98	53.81	-----	-----	53.81	31
1945.....	130.67	57.89	72.78	-----	+1.31	74.09	44
1946.....	135.18	57.85	77.33	-----	+ .90	78.23	43
1947.....	144.57	59.23	85.34	-----	-----	85.34	41
1948.....	147.31	55.47	91.84	-----	-----	91.84	38
1949.....	146.94	54.11	92.83	-----	-----	92.83	37
<b>Miscellaneous food products:</b>							
1921-30 average.....	32.24	8.54	23.70	-.06	-----	23.64	26
1935-39 average.....	25.96	6.53	19.43	-.24	-----	19.19	25
1945.....	32.20	12.49	19.71	-.33	+ .66	20.04	39
1946.....	37.05	13.71	23.34	-.33	+ .45	23.46	37
1947.....	50.31	18.33	31.98	-.32	+ .04	31.70	36
1948.....	49.19	18.85	30.34	-.32	-----	30.02	38
1949.....	42.20	13.78	28.42	-.32	-----	28.10	33

See footnotes for table 674.

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TABLE 676.—Marketing bill for domestic civilian purchases of farm food products, farm value, and retail cost, by six major commodity groups, United States, 1913-49

Year	All farm foods			Meat products			Dairy products			Poultry and eggs			Bakery and other cereal products			Fruits and vegetables			Miscellaneous food products		
	Farm value (1)	Retail cost (2)	Marketing charges (3)	Farm value (1)	Retail cost (4)	Marketing charges (5)	Farm value (1)	Retail cost (4)	Marketing charges (5)	Farm value (1)	Retail cost (4)	Marketing charges (5)	Farm value (1) (6)	Retail cost (4)	Marketing charges (5)	Farm value (1)	Retail cost (4)	Marketing charges (5)	Farm value (1)	Retail cost (4)	Marketing charges (5)
	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>	<i>Bil. dol.</i>
1913	3.75	8.15	4.40	1.55	2.60	1.05	0.63	1.24	0.61	0.42	0.62	0.20	0.48	1.83	1.35	0.55	1.44	0.89	0.12	0.42	0.30
1914	3.82	8.60	4.78	1.53	2.56	1.03	.64	1.29	.65	.44	.63	.19	.52	2.03	1.51	.58	1.69	1.11	.11	.40	.29
1915	3.80	8.70	4.90	1.37	2.44	1.07	.66	1.33	.67	.45	.64	.19	.63	2.19	1.56	.56	1.62	1.06	.13	.48	.35
1916	4.56	10.21	5.65	1.70	2.83	1.13	.75	1.45	.70	.49	.69	.20	.73	2.46	1.73	.71	2.18	1.47	.18	.60	.42
1917	6.42	13.41	6.99	2.35	3.59	1.15	.95	1.70	.75	.64	.88	.24	1.22	3.32	2.10	.97	3.12	2.15	.29	.89	.60
1918	7.27	14.25	6.98	2.89	4.57	1.68	1.10	1.89	.79	.77	1.10	.33	1.13	3.01	1.88	1.04	2.71	1.67	.34	.97	.63
1919	8.01	16.41	8.40	2.95	4.90	1.95	1.35	2.40	1.05	.97	1.36	.39	1.26	3.35	2.09	1.13	3.35	2.22	.35	1.05	.70
1920	7.69	17.60	9.91	2.49	4.76	2.27	1.40	2.55	1.15	1.03	1.48	.45	1.21	3.61	2.40	1.30	4.21	2.91	.26	.99	.73
1921	5.19	13.32	8.13	1.56	3.86	2.30	1.14	2.34	1.20	.73	1.09	.36	.64	2.82	2.18	.96	2.65	1.69	.16	.66	.40
1922	5.44	13.72	8.28	1.82	4.06	2.24	1.15	2.32	1.17	.71	1.06	.35	.61	2.67	2.06	.99	2.98	1.99	.16	.63	.47
1923	5.84	14.72	8.88	1.82	4.37	2.55	1.40	2.66	1.26	.79	1.17	.38	.60	2.61	2.01	1.03	3.15	2.12	.20	.76	.56
1924	6.11	15.26	9.15	1.98	4.66	2.68	1.35	2.60	1.25	.81	1.24	.43	.69	2.68	1.99	1.06	3.33	2.27	.22	.75	.53
1925	7.07	16.52	9.45	2.40	4.92	2.52	1.47	2.83	1.36	.92	1.34	.42	.90	2.97	2.07	1.16	3.64	2.48	.22	.82	.60
1926	7.25	17.10	9.85	2.49	4.96	2.47	1.54	2.94	1.40	.97	1.41	.44	.83	3.02	2.19	1.22	3.97	2.75	.20	.80	.60
1927	7.09	17.09	10.00	2.41	5.00	2.59	1.63	3.11	1.48	.91	1.33	.42	.76	2.98	2.22	1.15	3.80	2.65	.23	.87	.64
1928	7.40	17.23	9.83	2.58	5.23	2.65	1.71	3.22	1.51	1.00	1.46	.46	.74	2.99	2.25	1.14	3.49	2.35	.23	.84	.61
1929	7.61	17.92	10.31	2.64	5.30	2.66	1.77	3.35	1.58	1.07	1.62	.55	.70	2.89	2.19	1.22	3.95	2.73	.21	.81	.60
1930	6.59	16.77	10.18	2.22	4.90	2.68	1.58	3.15	1.57	.89	1.45	.56	.67	2.78	2.21	1.13	3.69	2.56	.20	.80	.60
1931	4.87	13.65	8.78	1.57	4.12	2.55	1.25	2.66	1.41	.68	1.14	.46	.37	2.27	1.90	.87	2.87	2.00	.13	.59	.46
1932	3.56	11.13	7.57	1.06	3.11	2.05	.97	2.20	1.23	.52	.84	.32	.28	1.95	1.67	.62	2.35	1.73	.11	.68	.57
1933	3.70	11.32	7.55	1.06	3.01	1.94	.95	2.16	1.21	.46	.77	.31	.36	2.04	1.62	.74	2.60	1.86	.13	.74	.61
1934	4.40	12.83	8.09	1.26	3.60	2.10	1.12	2.35	1.23	.56	.94	.38	.48	2.36	1.78	.82	2.88	2.06	.16	.70	.54
1935	5.24	13.42	7.83	1.74	3.94	1.98	1.29	2.58	1.29	.72	1.04	.32	.52	2.37	1.73	.79	2.83	2.04	.18	.66	.47
1936	5.95	14.56	8.61	1.99	4.22	2.23	1.43	2.82	1.39	.74	1.12	.38	.59	2.44	1.85	.99	3.18	2.19	.21	.78	.57
1937	6.23	14.62	8.39	2.15	4.47	2.32	1.49	2.91	1.42	.78	1.19	.41	.63	2.43	1.80	.97	2.85	1.88	.21	.77	.56
1938	5.47	13.87	8.39	1.98	4.14	2.16	1.32	2.72	1.40	.74	1.11	.37	.44	2.35	1.91	.79	2.64	1.85	.20	.91	.70
1939	5.53	14.02	8.48	2.04	4.27	2.23	1.32	2.76	1.44	.69	1.06	.37	.42	2.17	1.75	.88	2.88	2.00	.18	.88	.69
1935-39 average	5.69	14.10	8.34	1.98	4.21	2.18	1.37	2.76	1.39	.73	1.10	.37	.52	2.35	1.81	.89	2.88	1.99	.20	.80	.60



1940-----	5.98	14.49	8.50	2.15	4.38	2.23	1.48	3.05	1.57	.75	1.19	.44	.47	2.21	1.74	.93	2.72	1.79	.20	.94	.73
1941-----	7.49	16.36	8.85	2.81	4.95	2.14	1.70	3.40	1.70	.98	1.43	.45	.58	2.34	1.76	1.11	3.11	2.00	.31	1.13	.80
1942-----	9.75	19.68	9.92	3.61	5.66	2.05	2.10	4.08	1.98	1.35	1.96	.61	.73	2.62	1.89	1.52	3.99	2.47	.44	1.37	.92
1943-----	11.69	21.80	10.37	4.01	5.94	2.13	2.22	4.01	1.86	1.98	2.72	.74	.92	2.89	1.97	2.06	4.78	2.72	.50	1.46	.95
1944-----	11.87	22.06	10.78	3.98	6.01	2.40	2.40	4.23	1.94	1.73	2.49	.76	.98	2.90	1.99	2.23	4.96	2.77	.55	1.47	.92
1945-----	13.02	23.24	11.04	4.17	5.73	2.09	2.48	4.40	2.03	2.20	2.98	.78	1.04	2.89	1.97	2.57	5.79	3.27	.56	1.45	.90
1946-----	16.36	29.53	13.67	5.98	8.73	3.15	3.41	5.91	2.50	2.26	3.21	.95	1.25	3.34	2.16	2.74	6.39	3.68	.72	1.95	1.23
1947-----	19.34	35.24	15.88	8.14	12.74	4.60	3.76	6.40	2.64	2.48	3.63	1.15	1.64	4.11	2.46	2.51	6.14	3.63	.81	2.22	1.40
1948-----	20.26	37.83	17.55	8.48	13.50	5.02	4.13	7.09	2.96	2.76	4.03	1.27	1.55	4.46	2.90	2.64	6.96	4.32	.70	1.79	1.08
1949 <sup>6</sup> -----	17.70	35.90	18.20	7.50	12.50	5.00	3.50	6.60	3.10	2.70	4.00	1.30	1.20	4.40	3.20	2.50	6.90	4.40	.50	1.50	1.00

<sup>1</sup> Adjusted to eliminate imputed value of non-food byproducts, also adjusted to eliminate income from products not purchased by domestic civilian consumers. Adjusted farm value does not include Government payments to producers such as benefit payments, soil conservation payments, feed subsidies, etc.

<sup>2</sup> Sum of retail costs of six commodity groups. (See footnote 4.)

<sup>3</sup> After adjustment for Government marketing taxes and subsidy payments (taxes subtracted from, payments added to, the margin between farm value and retail cost), taxes and payments were estimated by applying ratios from price-

spread data to retail cost. (See Miscellaneous Publication No. 576, "Price Spreads Between Farmers and Consumers for Food Products, 1913-44.")

<sup>4</sup> Derived by dividing farm value by farmer's share estimated from commodity price spreads. Valuation is at retail store sales level.

<sup>5</sup> Farm value includes bakery ingredients other than flour.

<sup>6</sup> Preliminary.

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TABLE 677.—Index numbers of prices paid by farmers, United States, 1910-49<sup>1</sup>  
[1910-14 = 100]

Year	Commodities bought for use in production									Commodities bought for use in family maintenance												
	Feed	Livestock	Motor supplies	Motor vehicles	Farm machinery	Farm supplies	Building and fencing materials	Fertilizer	Seed	All commodities bought for use in production	Food and tobacco	Clothing	Household <sup>2</sup>		Building materials, house	Autos and auto supplies	All commodities bought for use in family maintenance	All commodities bought for use in production and family maintenance	Interest payable per acre	Taxes <sup>3</sup> payable per acre	Wage rates for hired farm labor <sup>2</sup>	All commodities bought, including interest, taxes, and wage rates
													Operations	Furnishings								
1910.....	98	92	---	---	100	97	100	98	92	97	98	99	100	98	100	---	99	98	83	90	96	97
1911.....	99	85	---	---	100	99	103	98	106	98	99	99	100	100	103	---	99	99	91	91	98	98
1912.....	103	96	---	---	100	100	103	100	116	102	99	100	100	98	104	---	100	101	101	99	101	101
1913.....	97	111	---	---	100	102	101	101	96	101	100	101	100	101	100	---	100	100	109	103	104	101
1914.....	102	115	---	---	100	102	93	102	89	102	104	101	100	103	93	---	102	102	116	117	101	103
1915.....	101	114	---	---	103	109	101	108	89	104	107	103	102	105	100	---	104	104	122	118	101	105
1916.....	109	124	---	---	108	121	117	123	123	115	118	114	108	118	114	---	115	115	132	128	112	116
1917.....	175	159	---	---	123	161	137	136	163	156	153	138	133	144	133	---	143	150	145	136	141	148
1918.....	187	181	---	---	155	209	161	172	176	180	172	181	133	182	160	---	170	175	159	151	177	173
1919.....	208	183	---	---	160	220	188	182	201	195	199	224	147	218	201	---	202	199	180	160	206	197
1920.....	208	161	---	---	166	218	204	181	238	195	211	261	183	277	212	---	228	212	216	200	241	214
1921.....	105	88	---	---	160	189	156	152	123	128	151	177	149	226	158	---	164	146	248	244	156	155
1922.....	113	108	---	---	143	163	159	127	118	127	140	159	153	193	165	---	153	140	260	259	154	151
1923.....	135	111	---	---	148	168	160	134	124	138	148	161	148	197	168	---	156	148	261	261	172	159
1924.....	139	116	130	141	155	175	161	126	126	140	147	165	140	192	168	154	156	148	250	266	182	160
1925.....	143	124	138	143	154	174	164	139	144	145	160	164	138	190	172	158	161	153	236	265	181	164
1926.....	122	131	144	140	154	175	162	138	168	141	154	162	143	186	172	158	158	150	228	270	183	160
1927.....	128	148	128	143	155	171	160	120	148	141	152	158	141	181	172	151	155	148	223	271	184	159
1928.....	139	181	125	145	154	172	158	131	131	148	152	161	139	181	168	149	156	152	219	277	184	162
1929.....	136	177	124	148	153	171	159	130	133	146	148	158	139	179	170	151	154	150	213	279	186	160
1930.....	122	132	118	144	152	168	155	126	130	135	137	149	136	172	166	144	144	140	206	281	177	151
1931.....	86	92	100	143	150	155	138	114	104	113	110	127	125	150	149	135	124	119	197	277	139	130
1932.....	64	76	99	141	142	137	126	100	67	99	89	102	115	126	134	134	106	102	185	254	104	112
1933.....	73	69	97	140	138	127	130	93	72	99	96	104	112	126	138	135	108	104	164	220	88	109
1934.....	103	70	103	148	144	134	146	105	104	114	110	120	118	138	155	143	122	118	147	188	99	120
1935.....	106	117	102	150	148	134	143	104	124	122	120	116	118	140	152	142	124	123	135	178	107	124
1936.....	109	112	104	157	150	136	142	98	110	122	120	116	117	139	153	145	124	123	124	180	114	124
1937.....	124	127	106	162	153	143	148	103	154	132	123	121	119	141	159	148	128	130	116	181	129	131
1938.....	93	125	105	172	158	146	146	102	112	122	111	117	119	136	154	151	122	122	108	186	130	124
1939.....	93	139	102	165	155	142	144	101	92	121	111	114	118	131	153	149	120	121	103	183	127	122

1940.....	100	143	100	163	153	146	146	98	101	123	111	115	119	128	156	149	121	122	98	186	129	124
1941.....	108	161	103	172	155	156	156	98	97	130	121	127	124	136	167	157	130	130	94	183	151	132
1942.....	132	188	110	186	164	172	171	109	131	148	143	155	128	156	181	172	149	149	89	182	197	151
1943.....	156	214	113	195	170	192	179	116	164	164	164	176	132	172	191	182	166	165	79	177	262	170
1944.....	173	202	115	211	174	201	190	118	187	173	167	198	135	187	206	192	175	174	73	175	318	182
1945.....	172	221	115	218	176	204	195	120	191	176	170	215	138	200	212	193	182	179	69	181	359	189
1946.....	200	250	117	224	182	206	212	121	197	191	197	243	149	221	232	191	202	197	68	199	387	207
1947.....	236	312	129	260	206	222	277	134	226	224	235	278	174	254	323	213	237	230	70	222	419	239
1948.....	250	387	144	291	240	236	308	146	263	250	247	294	181	262	355	236	251	250	72	254	442	259
1949.....	206	344	146	320	270	246	304	150	238	238	234	282	179	251	339	251	243	240	76	275	428	250

<sup>1</sup> Revised January 1950.

<sup>2</sup> Simple average of quarterly indexes seasonally adjusted.

Bureau of Agricultural Economics. The index of prices paid by farmers, including interest, taxes, and wage rates, is compiled from prices reported to the

Department of Agriculture by retail dealers throughout the United States. For details of the first substantial revision of the Parity Index since 1935 see the January 1950 issue of Agricultural Prices and the April 1950 issue of Agricultural Economics Research.

TABLE 678.—Index numbers of prices received, and ratio of prices received to prices paid by farmers, United States, 1910-49<sup>1</sup>

[1910-14=100]

Year	Crops								Livestock and products						Ratio of prices received to prices paid by farmers †	
	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruits	Truck crops	Other vegetables ‡	All crops	Meat animals ‡	Dairy products †	Poultry and eggs	Wool	Livestock and live-stock products †		All farm products
1910.....	109	96	118	84	120	100	-----	81	105	101	100	104	117	102	103	106
1911.....	98	97	105	84	106	105	-----	111	101	84	94	90	789	88	95	97
1912.....	103	110	90	102	90	97	-----	120	100	96	101	100	101	98	99	98
1913.....	91	93	101	122	93	105	-----	89	98	108	104	101	94	105	101	100
1914.....	99	104	86	108	91	93	-----	99	96	111	101	105	99	107	102	99
1915.....	127	105	76	82	106	82	-----	86	96	102	101	101	126	102	99	94
1916.....	134	109	116	108	155	97	-----	153	120	121	111	115	155	117	119	103
1917.....	228	182	185	182	224	115	-----	265	191	176	145	155	265	165	178	120
1918.....	232	204	247	242	257	162	-----	181	219	202	177	185	325	194	206	119
1919.....	245	207	252	303	261	172	-----	200	230	207	200	208	287	206	218	111
1920.....	249	202	262	233	208	188	-----	314	236	171	202	222	214	190	212	99
1921.....	131	92	106	164	95	164	-----	145	121	106	149	160	95	127	124	80
1922.....	117	92	162	185	138	164	-----	139	137	113	139	139	163	126	131	87
1923.....	112	113	227	189	176	136	-----	130	156	105	159	145	212	128	142	89
1924.....	126	127	226	173	158	131	152	133	159	109	148	147	210	128	143	89
1925.....	171	132	186	168	147	165	154	168	164	139	156	162	221	149	156	95
1926.....	152	104	127	170	116	140	150	242	139	146	156	157	186	151	146	91
1927.....	135	114	134	164	124	138	136	179	135	138	162	142	174	146	141	89
1928.....	128	121	156	172	147	154	147	131	142	150	165	151	203	155	149	92
1929.....	117	118	150	171	143	131	138	149	135	155	166	161	176	159	148	92
1930.....	93	106	104	140	111	149	128	172	116	133	142	128	119	134	125	83
1931.....	56	74	64	98	73	97	107	102	76	91	111	85	80	98	87	67
1932.....	44	48	49	84	44	78	100	62	58	63	86	81	54	72	65	58
1933.....	66	57	68	107	57	74	90	89	71	59	87	74	101	70	70	64
1934.....	90	95	101	156	103	93	95	95	99	68	101	88	125	81	90	75
1935.....	97	107	98	171	127	94	106	74	104	115	114	115	110	114	109	88
1936.....	108	103	99	163	120	104	96	128	108	118	125	113	150	118	114	92
1937.....	120	126	94	200	129	119	100	123	118	130	130	108	171	125	122	93
1938.....	75	71	70	173	95	80	86	79	82	113	114	107	110	111	97	78
1939.....	72	69	74	152	96	78	88	90	82	110	110	94	128	106	95	77
1940.....	84	82	83	134	103	84	107	95	91	108	120	95	160	108	100	81
1941.....	97	89	112	157	138	98	123	95	108	143	140	120	197	137	123	93
1942.....	120	110	156	247	183	128	158	145	144	186	163	150	222	171	158	105
1943.....	148	147	167	319	202	202	228	198	185	203	199	188	230	198	192	113
1944.....	165	166	171	348	222	240	202	195	198	190	223	173	233	195	196	108
1945.....	172	161	178	360	228	244	207	213	203	207	230	194	232	210	206	109
1946.....	201	196	237	376	260	250	182	208	227	248	267	197	235	241	234	113
1947.....	270	249	272	374	363	212	226	242	263	329	272	219	234	287	275	115
1948.....	250	250	270	380	351	174	214	252	252	361	300	235	263	314	285	110
1949.....	219	170	245	398	242	199	201	222	223	311	251	219	273	272	249	100

<sup>1</sup> Revised January 1950. A discussion of construction of this index and the monthly index numbers by groups, 1910 through 1949, was published in supplements to the January and February 1950 issues "Agricultural Prices."

<sup>2</sup> Potatoes, sweetpotatoes, dry edible beans.

<sup>3</sup> Wartime subsidy payments on beef cattle, sheep and lambs, made to producers under programs designed to maintain ceiling prices as established under the Emergency Price Control Act of 1942, are included for the period July 1945 to June 1946.

<sup>4</sup> Milk, wholesale; milk, retail; and butterfat. Wartime subsidy payments on butterfat and milk made to producers under programs designed to maintain ceiling prices as established under the Emergency Price Control Act of 1942 are included for the period October 1943 to June 1946.

<sup>5</sup> Wartime subsidy payments made to producers under programs designed to maintain ceiling prices as established under the Emergency Price Control Act of 1942 are included.

<sup>6</sup> Including interest, taxes, and wage rates. This ratio will not necessarily be identical to a weighted average percent of parity for all farm products.

<sup>7</sup> Adjusted to make 5-year total of annual averages 1910-14 equal 500.

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by dealers purchasing agricultural commodities in local farm markets. The price series for individual commodities are averages for all classes and grades of the commodity being sold in local farm markets on or about the 15th of each month. In computing the group indexes for the period prior to January 1935, prices of individual commodities have been weighted by average quantities sold during the period 1924-29. For the period since 1935, average annual sales for the period 1937-41 have been used as weights. These data are published monthly in "Agricultural Prices."

TABLE 679.—*Prices paid by farmers for commodities, United States, average 1935–39, annual 1944–49*<sup>1</sup>

Commodity and unit	Average 1935–39 <sup>2</sup>	1944 <sup>3</sup>	1945 <sup>3</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1949
<b>Food:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Sugar, per 10-pound bag.....	0.560	0.708	0.711	0.821	1.04	0.971	0.980
Syrup, table, per pound.....	.0823	.112	.111	.134	.151	.134	.130
Candy, hard, non-chocolate, per pound.....	.252	.301	.300	.386	.412	.353	.325
Bread, white, loaf, per pound.....	.0878	.0948	.0952	.110	.130	.142	.141
Flour, per 25-pound sack.....	.914	1.33	1.33	1.60	2.11	2.02	1.94
Baking-powder, canned, per lb.....	.114	.149	.164	.161	.174	.181	.186
Corn meal, per pound.....	.0266	.0509	.0511	.0632	.0720	.0760	.0574
Rolled oats, packaged, per pound.....	.0692	.0912	.0990	.105	.116	.130	.123
Soda crackers, packaged, per lb.....	.154	.174	.179	.202	.241	.256	.258
Macaroni, packaged, per pound.....	.140	.146	.146	.160	.181	.195	.197
Corn flakes, packaged, per pound.....	.158	.140	.140	.153	.200	.246	.248
Wheat flakes, packaged, per pound.....	.222	.213	.214	.214	.238	.280	.284
Rice, packaged, per pound.....	.0745	.126	.127	.146	.186	.206	.178
Round steak, per pound.....	.279	.398	.399	.468	.666	.795	.761
Hamburger (beef), per pound.....	.196	.279	.278	.305	.444	.544	.509
Bacon, sliced, per pound.....	.342	.391	.400	.506	.769	.716	.590
Ham, whole, per pound.....	.317	.376	.384	.470	.691	.674	.626
Pork chops, per pound.....	.278	.377	.384	.466	.678	.683	.650
Pork sausage, per pound.....	.270	.360	.368	.437	.550	.536	.505
Salt pork, per pound.....	.174	.198	.195	.314	.404	.366	.281
Bologna, per pound.....	.177	.313	.320	.364	.445	.503	.484
Salmon, pink, canned, per pound.....	.149	.275	.278	.306	.492	.596	.600
Butter, per pound package.....	.344	.497	.507	.700	.829	.832	.718
Cheese, American, per pound.....	.253	.402	.403	.522	.555	.618	.525
Milk, evaporated, per pound.....	.0971	.121	.121	.141	.164	.169	.168
Milk, fluid, per quart.....	.104	.136	.138	.159	.184	.202	.199
Eggs, per dozen.....	.247	.408	.471	.483	.588	.594	.551
Potatoes, Irish, per 10-pound bag.....	.241	.460	.497	.448	.492	.529	.510
Beans, dry, per pound.....	.0652	.100	.105	.142	.194	.173	.147
Cabbage, per pound.....	.0381	.0573	.0522	.0590	.0672	.0593	.0644
Lettuce, per pound.....	.0967	.126	.139	.136	.148	.145	.177
Tomatoes, fresh, per pound.....	.0902	.190	.167	.177	.228	.221	.173
Corn, canned, per pound.....	.0976	.121	.123	.132	.153	.158	.156
Peas, canned, per pound.....	.138	.125	.125	.132	.146	.142	.144
Apples, fresh, per pound.....	.0492	.110	.129	.132	.128	.117	.122
Bananas, per pound.....	.0643	.126	.118	.124	.159	.165	.170
Lemons, 360's, per dozen.....	.312	.388	.379	.374	.438	.479	.539
Oranges, 216's, per dozen.....	.283	.420	.431	.429	.400	.406	.466
Grapefruit, each.....	.0422	.0808	.0840	.0792	.0654	.0612	.0733
Lard, per pound.....	.148	.195	.198	.270	.341	.304	.196
Vegetable shortening, per pound.....	.137	.224	.226	.285	.421	.411	.300
Salad dressing, per pound.....	.169	.246	.270	.321	.363	.387	.350
Peanut butter, per pound.....	.192	.292	.289	.340	.360	.382	.394
Margarine, per pound.....	.186	.250	.255	.342	.435	.434	.324
Coffee, per pound.....	.215	.318	.323	.382	.489	.527	.582
Tea, Orange Pekoe, packaged, per pound.....	.706	1.05	1.06	1.06	1.08	1.20	1.25
<b>Tobacco:</b>							
Cigarettes, per package of 20.....	.145	.169	.172	.175	.184	.190	.194
Smoking tobacco, packaged, per pound.....	.766	.875	.906	.966	.991	1.04	1.06
<b>Clothing and yard goods:</b>							
<b>Men's clothing:</b>							
Overalls, per pair.....	1.22	1.98	2.10	2.68	3.26	3.24	3.01
Shirts, cotton, work, each.....	.694	1.40	1.54	1.72	1.87	1.96	1.78
Undershirtshorts, per garment.....	.282	.472	.511	.628	.692	.712	.650
Union suits, heavy, cotton, each.....	1.10	1.58	1.66	1.99	2.30	2.42	2.42
Gloves, canvas, work, per pair.....	.153	.252	.256	.301	.355	.374	.369
Jackets, leather, each.....	9.19	17.60	19.30	21.20	20.90	20.20	19.90
Jackets, wool, each.....	5.10	7.43	8.08	8.80	9.65	9.78	9.64
Socks, cotton, work, per pair.....	.135	.196	.204	.229	.266	.276	.265
Shoes, work, per pair.....	2.47	3.91	4.16	4.74	5.73	6.08	5.97
Boots, rubber, knee-length, per pair.....	2.89	4.00	4.23	4.56	4.98	5.21	5.21
Suits, wool, 1 pair pants, each.....	19.30	29.60	30.90	33.80	38.50	41.60	40.20
Trousers, extra, woolen, per pair.....	3.72	6.76	7.20	8.33	9.62	10.40	10.10
Trousers, cotton, per pair.....	1.46	2.57	2.71	3.18	3.45	3.61	3.50
Shirts, broadcloth, each.....	1.17	1.97	2.10	2.67	3.14	3.16	3.04
Overcoats, each.....	16.40	26.60	28.00	30.30	33.20	35.00	35.50
Hats, felt, each.....	2.43	4.20	4.67	5.55	6.18	6.13	5.94
Shoes, dress, per pair.....	3.01	4.78	5.06	6.18	7.44	7.91	7.90
Overshoes, rubber, per pair.....	1.77	2.57	2.69	2.94	3.24	3.42	3.48

See footnotes at end of table.

TABLE 679.—*Prices paid by farmers for commodities, United States, average 1935-39, annual 1944-49*<sup>1</sup>—Continued

Commodity and unit	Average 1935-39 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1949
Clothing and yard goods—Continued							
Boys' clothing:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Suits, wool, 6-12 years, each.....	6.60	12.10	12.70	13.60	14.40	14.40	14.30
Overalls, per pair.....	.905	1.47	1.55	1.87	2.23	2.20	2.04
Sweaters, wool, each.....	1.98	3.07	3.33	3.59	3.74	3.68	3.52
Shoes, sizes 12½-3, per pair.....	1.89	3.04	3.16	3.60	4.19	4.40	4.35
Women's clothing:							
Dresses, house, percale, each.....	1.02	2.24	2.62	2.96	3.22	3.40	3.00
Dresses, street, cotton, each.....	2.02	3.75	4.48	5.06	5.63	6.13	5.66
Dresses, rayon, each.....	2.61	4.97	5.62	6.47	7.15	7.88	7.26
Step-ins or panties, rayon, per pair.....	.333	.681	.774	.851	.784	.746	.666
Slips, rayon, each.....	.814	1.78	2.05	2.28	2.49	2.80	2.55
Nightgowns, cotton, each.....	.994	1.91	2.20	2.44	2.66	2.71	2.44
Coats, lightweight, each.....	8.83	15.70	17.80	19.90	22.00	23.50	23.20
Coats, heavy, with fur trim, each.....	17.60	32.80	35.80	38.30	43.00	49.70	51.70
Coats, heavy, without fur, each.....	10.80	20.10	22.00	23.60	26.70	30.60	31.60
Sweaters, wool, each.....	2.64	4.22	4.59	4.85	4.89	4.67	4.43
Hats, felt, each.....	1.93	2.86	3.12	3.49	3.70	3.85	3.92
Hats, straw, work, each.....	.347	.526	.577	.613	.625	.628	.618
Hose, nylon, per pair.....	1.01	1.38	1.41	1.49	1.50	1.52	1.32
Hose, cotton, per pair.....	.210	.350	.362	.418	.506	.501	.478
Shoes or Oxfords, per pair.....	2.41	3.40	3.62	4.06	4.88	5.22	5.02
Girls' clothing:							
Dresses, cotton, 6-12 years, each.....	.780	1.75	2.02	2.11	2.38	2.64	2.51
Coats, heavy, each.....	6.83	13.10	14.00	15.20	15.70	15.50	15.60
Shoes, school, sizes 1½-3, per pair.....	1.78	2.69	2.89	3.32	3.88	4.15	4.01
Yard goods:							
Percale, 36" width, per yard.....	.169	.303	.318	.369	.496	.523	.436
Gingham, 36" width, per yard.....	.158	.399	.430	.498	.674	.704	.661
Household operations:							
Coal, bituminous, prepared sizes, per ton.....	8.12	9.82	9.98	10.80	12.60	14.40	14.90
Coal, bituminous, run-of-mine, per ton.....	7.14	9.10	9.26	9.96	11.60	13.20	13.50
Coal, anthracite, per ton.....	13.00	15.00	15.60	17.10	18.60	20.20	20.70
Wood, per cord.....	5.47	8.88	9.27	9.82	10.50	10.80	10.60
Electricity, per kilowatt.....	.0340	.0350	.0350	.0340	.0320	.0300	.0300
Telephone, per month.....	2.08	2.10	2.10	2.05	2.05	2.35	2.50
Newspapers, yearly subscription.....	4.98	6.40	6.60	6.80	7.10	7.80	8.40
Laundry starch, packaged, per pound.....	.0988	.104	.104	.111	.125	.143	.142
Laundry soap, per bar.....	.0478	.0545	.0582	.0810	.112	.104	.0940
Toilet soap, per cake.....	.0561	.0680	.0692	.0832	.112	.110	.0984
Household furnishings:							
Bed-room suites, per suite.....	58.50	104.00	116.00	134.00	148.00	156.00	150.00
Beds, metal, double, each.....	6.59	10.70	11.40	12.00	12.80	13.20	13.30
Bedsprings, sagless, each.....	7.02	10.40	10.70	11.80	13.90	15.30	15.50
Living-room suites, per suite.....	62.30	116.00	137.00	156.00	165.00	170.00	160.00
Chairs, occasional, each.....	7.27	12.60	14.40	17.20	19.10	20.50	20.60
Dining-room suites, per suite.....	70.20	128.00	140.00	160.00	184.00	204.00	200.00
Lamps, floor, each.....	5.70	15.40	18.40	19.20	18.30	17.00	15.30
Radios, battery-operated, each.....	45.10	38.50	39.40	41.20	46.40	44.80	42.80
Radios, electric, each.....	28.80	33.20	34.30	38.00	37.40	35.20	33.10
Cabinets, kitchen, each.....	26.80	41.60	45.60	49.80	54.20	55.90	53.40
Refrigerators, electric, each.....	164.00	165.00	165.00	181.00	214.00	227.00	210.00
Stoves, coal or wood, each.....	61.90	79.60	84.20	93.90	104.00	108.00	105.00
Stoves, gas, each.....	83.30	122.00	123.00	131.00	144.00	158.00	153.00
Stoves, electric, each.....	153.00	180.00	186.00	208.00	227.00	232.00	231.00
Stoves, kerosene, each.....	49.00	56.80	58.00	71.20	84.10	104.00	101.00
Washing machines, electric, each.....	61.90	79.60	86.60	95.50	125.00	132.00	120.00
Washing machines, gasoline, each.....	85.80	99.40	102.00	112.00	138.00	149.00	144.00
Wash boilers, copper bottom, each.....	2.78	3.63	3.71	4.92	7.15	7.90	7.75
Irons, electric, each.....	4.63	7.25	8.00	8.77	9.92	10.40	10.30
Vacuum cleaners, each.....	41.70	51.40	56.40	64.20	67.10	67.80	65.00
Brooms, each.....	.510	1.09	1.18	1.16	1.17	1.20	1.22
Plates, dinner, plain, per ½ doz.....	.726	.822	.834	.877	.924	.955	.957
Glasses, water, plain, per ½ doz.....	.309	.357	.356	.373	.386	.402	.408
Fruit jars, Mason, 1-quart, per dozen.....	.837	.798	.794	.801	.847	.876	.895
Sewing machines, electric, each.....	67.40	89.50	90.40	110.00	139.00	157.00	163.00
Sewing machines, foot-operated, each.....	43.30	55.20	56.40	62.80	74.00	83.60	90.20
Rugs, Axminster, 9 by 12 feet, each.....	31.50	47.40	51.20	57.90	67.00	70.80	68.30
Felt-base rugs, 9 by 12 feet, each.....	6.88	7.12	7.29	8.06	10.20	10.60	10.20
Mattresses, innerspring, each.....	18.40	31.30	34.10	37.50	39.40	39.40	37.80
Mattresses, cotton, all-felted, each.....	9.90	17.70	18.60	21.60	23.40	22.20	20.20

See footnotes at end of table.

TABLE 679.—*Prices paid by farmers for commodities, United States, average 1935-39, annual 1944-49*<sup>1</sup>—Continued

Commodity and unit	Average 1935-39 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1949
Household furnishings—Continued							
Sheets, 81 by 99 inches, medium quality, each	Dollars 1.07	Dollars 1.93	Dollars 2.04	Dollars 2.46	Dollars 2.99	Dollars 2.88	Dollars 2.48
Blankets, double-length, wool, per pair	3.88	7.15	8.23	9.48	10.10	9.94	9.63
Blankets, double-length, cotton, per pair	1.65	2.45	2.70	3.31	3.75	3.73	3.61
Comforters, cotton, each	2.57	5.00	5.36	6.11	6.72	6.94	6.90
Bath towels, 20 by 40 inches, each	.234	.482	.533	.669	.708	.647	.593
Toweling, bleached, cotton, per yard	.148	.214	.244	.292	.335	.336	.304
Muslin, unbleached, per yard	.113	.186	.196	.239	.355	.357	.290
Curtains, kitchen, each	.802	1.33	1.40	1.70	2.45	2.41	2.29
Building materials:							
Framing lumber, 2x4x16, per M board feet	42.10	68.90	72.00	81.90	109.00	116.00	105.00
Rough boards, per M board feet	41.80	67.50	70.30	78.60	99.70	108.00	99.60
Dressed boards, per M board feet	43.70	72.80	75.40	85.50	112.00	122.00	114.00
Ship-lap, per M board feet	42.00	70.50	74.80	85.00	114.00	122.00	110.00
Drop-siding, fir and pine, per M board feet	54.20	85.50	87.90	102.00	160.00	191.00	180.00
Bevel-siding, pine and cedar, per M board feet	46.60	66.90	69.30	78.90	135.00	169.00	165.00
Shingles, wood, per 100 square feet	5.22	7.57	7.72	8.73	14.70	14.70	12.70
Flooring, yellow pine, per M board feet	62.50	89.90	93.00	105.00	173.00	199.00	184.00
Flooring, fir, per M board feet	65.50	102.00	102.00	118.00	199.00	231.00	220.00
Doors, Nos. 1 and 2, combined, each	4.27	5.67	5.90	6.90	10.30	12.20	11.60
Windows, house, double-hung, complete, each	6.26	9.18	9.59	11.00	14.70	16.80	17.30
Windows, barn, 9 by 12 inches, 4-light, each	1.13	1.49	1.43	1.62	2.22	2.59	2.57
Nails, 8d., per pound	.0544	.0648	.0652	.0752	.0954	.114	.118
Screen wire, galvanized, 16-inch mesh, per linear foot	.0910	.107	.110	.126	.165	.181	.189
Roofing, galvanized steel, per 100 square feet	5.07	6.73	6.77	7.34	9.44	10.90	11.20
Roofing, composition, per 100 square feet	2.37	2.49	2.52	2.67	3.04	3.20	3.16
Gypsum boards, per 1,000 square feet	26.90	35.30	40.40	44.60	50.00	54.60	51.40
Shingles, asphalt, per square of 100 square feet	6.69	6.16	6.15	6.55	7.43	7.80	7.60
Insulating board, per 1,000 square feet	49.20	51.50	51.40	54.60	63.90	68.90	67.40
Cement, Portland, bag of 94 pounds	.755	.766	.786	.826	.927	1.06	1.11
Concrete blocks, per 100	17.70	17.90	18.40	19.30	21.70	22.60	22.10
Brick, common, per 1,000	21.40	26.00	28.50	32.70	37.00	39.70	40.60
Paint, house, per gallon	2.91	3.26	3.29	3.61	5.19	5.30	5.24
Linseed oil, per gallon	1.10	1.70	1.71	2.18	3.52	3.50	3.40
Barbed wire, 2-point, spool, 80 rods	3.53	4.50	4.52	4.86	6.24	7.46	7.43
Barbed wire, 4-point, spool, 80 rods	3.82	5.06	5.02	5.36	6.72	8.07	8.10
Poultry netting, per roll (5 by 150 feet)	4.78	5.34	5.31	5.66	6.42	6.93	7.42
Posts, wood, 4-inch diameter, each	.259	.412	.423	.471	.524	.558	.566
Posts, steel, each	.421	.535	.544	.572	.710	.847	.875
Gates, farm, galvanized, 14 feet, each	10.60	13.60	14.00	15.20	18.10	19.30	20.00
Woven wire fencing, per rod	.417	.476	.486	.524	.626	.749	.782
Windmills, without tower, each	50.10	59.80	61.60	61.50	72.00	79.50	86.60
Iron pipe, galvanized, 1½-inch diameter, per foot	.180	.200	.198	.206	.242	.296	.319
Motor supplies:							
Gasoline, per gallon	.192	.198	.197	.203	.226	.252	.257
Kerosene, per gallon	.132	.134	.134	.139	.156	.186	.187
Distillate, per gallon	.0843	.0916	.0908	.0963	.119	.160	.147
Grease, per pound	.150	.170	.168	.174	.191	.211	.212
Motor oil, per gallon	.893	1.01	1.01	1.04	1.11	1.22	1.20
Tires, auto, 6.00 by 16, each	12.60	17.10	16.50	16.70	16.00	16.10	15.60
Inner tubes, 6.00 by 16, each	2.48	3.67	3.84	3.88	3.42	3.07	3.00
Tires, truck, 7.00 by 20, each	30.80	44.10	45.10	46.20	44.60	44.20	43.40
Chains, tire, 6.00 by 16, per pair	5.66	6.39	6.42	6.79	7.50	8.01	8.47

See footnotes at end of table.

TABLE 679.—*Prices paid by farmers for commodities, United States, average 1935-39, annual 1944-49*<sup>1</sup>—Continued

Commodity and unit	Average 1935-39 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1949
Motor supplies—Continued							
Storage batteries, 15 plates per cell, each.....	Dollars 8.18	Dollars 11.00	Dollars 11.20	Dollars 12.20	Dollars 17.00	Dollars 18.30	Dollars 17.70
Spark plugs each.....	.575	.661	.657	.664	.660	.678	.710
Motor vehicles:							
Autos:							
Ford, 8-cylinder, 2-door sedan, DeLuxe, each.....	712.00	1,190.00	1,220.00	1,170.00	1,350.00	1,570.00	1,690.00
Ford, 8-cylinder, 2-door sedan, Custom DeLuxe, each.....	772.00	1,250.00	1,270.00	1,240.00	1,450.00	1,680.00	1,800.00
Chevrolet, 2-door sedan, Special, each.....	738.00	1,160.00	1,190.00	1,080.00	1,290.00	1,440.00	1,600.00
Chevrolet, 2-door sedan, DeLuxe, each.....	802.00	1,230.00	1,250.00	1,140.00	1,370.00	1,510.00	1,680.00
Plymouth, 2-door sedan, DeLuxe, each.....	710.00	1,260.00	1,280.00	1,260.00	1,340.00	1,510.00	1,670.00
Plymouth, Club coupe, Special DeLuxe, each <sup>3</sup> .....	800.00	1,310.00	1,330.00	1,300.00	1,410.00	1,590.00	1,800.00
Buick, Special, 4-door sedan, each.....	1,120.00	1,710.00	1,750.00	1,820.00	2,020.00	2,190.00	2,390.00
Trucks:							
Ford, 1½-ton, capacity, each.....	918.00	1,440.00	1,520.00	1,630.00	1,790.00	2,050.00	2,090.00
Chevrolet, 1½-ton capacity, each.....	888.00	1,420.00	1,590.00	1,620.00	1,820.00	2,010.00	2,010.00
International, pick-up, each.....	805.00	1,070.00	1,080.00	1,150.00	1,450.00	1,630.00	1,750.00
Tractors:							
Wheel, under 20 belt horsepower, each.....	852.00	916.00	922.00	1,020.00	1,110.00	1,260.00	1,400.00
Wheel, 20-29 belt horsepower, each.....	1,060.00	1,180.00	1,200.00	1,340.00	1,500.00	1,680.00	1,840.00
Wheel, 30 and more belt horsepower, each.....	1,270.00	1,400.00	1,420.00	1,600.00	1,830.00	2,130.00	2,330.00
Crawler, 3-pow, each.....	1,500.00	2,020.00	2,070.00	2,240.00	2,760.00	3,400.00	3,630.00
Farm machinery:							
Plows, tractor, one-bottom, each.....	81.20	93.80	95.00	100.00	112.00	126.00	131.00
Plows, tractor, two-bottom, each.....	119.00	136.00	138.00	144.00	167.00	198.00	230.00
Plows, tractor, three-bottom, each.....	156.00	181.00	181.00	186.00	220.00	266.00	322.00
Disk harrows, single each.....	67.70	76.60	78.80	81.60	90.20	104.00	117.00
Disk harrows, tandem, each.....	125.00	135.00	135.00	142.00	165.00	196.00	226.00
Spiketooth harrows, per section.....	11.30	13.30	13.50	14.20	16.60	20.30	23.00
Cultivators, 2-row, tractor, each.....	122.00	137.00	138.00	144.00	166.00	199.00	219.00
Manure spreaders, each.....	170.00	198.00	203.00	216.00	270.00	322.00	364.00
Planters, corn, 2-row, each.....	86.10	104.00	107.00	108.00	133.00	166.00	206.00
Grain drills, 12-tube, each.....	162.00	188.00	191.00	200.00	245.00	347.00	405.00
Grain drills, 20-tube, each.....	247.00	292.00	293.00	314.00	373.00	484.00	567.00
Mowers, 5-foot, each.....	92.60	115.00	115.00	119.00	137.00	166.00	190.00
Mowers, tractor, each.....	123.00	153.00	153.00	158.00	192.00	242.00	271.00
Hay rakes, side delivery, each.....	123.00	150.00	151.00	158.00	196.00	232.00	281.00
Hay loaders, each.....	133.00	169.00	170.00	174.00	213.00	247.00	278.00
Combines, auxiliary engine, 12-foot cut, each.....	1,670.00	2,010.00	2,010.00	2,070.00	2,190.00	2,710.00	2,830.00
Combines, 5-6 foot cut, each.....	810.00	828.00	834.00	849.00	1,010.00	1,160.00	1,260.00
Corn binders, each.....	235.00	276.00	279.00	302.00	350.00	413.00	445.00
Corn picker-huskers, 2-row, each.....	786.00	814.00	816.00	872.00	1,010.00	1,290.00	1,340.00
Ensilage cutters, each.....	326.00	368.00	370.00	408.00	445.00	518.00	520.00
Grain binders, 7-foot, each.....	251.00	292.00	293.00	300.00	360.00	396.00	445.00
Grain threshers, each.....	1,300.00	1,460.00	1,460.00	1,500.00	1,840.00	1,930.00	2,130.00
Hammer mills, each.....	142.00	147.00	144.00	158.00	166.00	176.00	179.00
Cream separators, 500-pound capacity, each.....	91.20	101.00	104.00	109.00	117.00	122.00	126.00
Cream separators, 750-pound capacity, each.....	109.00	115.00	117.00	126.00	134.00	142.00	146.00
Milker outfits, each.....	209.00	261.00	268.00	275.00	282.00	292.00	305.00
Farm trucks, steel wheels, each.....	55.60	60.70	83.40	90.00	105.00	120.00	127.00
Farm wagons, each.....	85.60	106.00	107.00	118.00	138.00	152.00	152.00
Spray outfits, power, each.....	752.00	951.00	930.00	990.00	1,080.00	1,180.00	1,350.00
Gas engines, 1½-horsepower, each.....	69.90	75.70	75.70	78.40	85.00	92.00	88.80
Electric motors, ¾-horsepower, each.....	10.10	14.40	15.00	16.60	23.10	23.80	19.40
Farm supplies:							
Axes, each.....	1.98	2.74	2.75	2.89	3.18	3.39	3.42
Hammers, each.....	.857	1.31	1.31	1.45	1.71	1.90	1.90
Pitchforks, 3-tine, each.....	1.20	1.42	1.43	1.53	1.73	1.81	1.92
Pitchforks, 4-tine, each.....	1.44	1.72	1.73	1.86	2.09	2.18	2.31
Hoes, each.....	.808	.997	1.01	1.03	1.20	1.25	1.38
Scythes, each.....	3.23	3.98	4.01	4.11	4.47	4.86	5.04

See footnotes at end of table.



TABLE 679.—*Prices paid by farmers for commodities, United States, average 1935-39, annual 1944-49*<sup>1</sup>—Continued

Commodity and unit	Average 1935-39 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1949
<b>Farm supplies—Continued</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Hand sprayers, each.....	3.74	5.70	5.80	6.50	7.30	7.90	8.10
Milk cans, each.....	4.74	6.34	6.27	6.42	7.28	8.48	8.95
Milk pails, each.....	.753	1.04	1.08	1.13	1.22	1.33	1.39
Brooders, coal-burning, each.....	19.60	22.10	23.40	25.20	26.60	29.20	30.10
Brooders, oil-burning, each.....	16.10	18.20	19.20	20.00	22.00	25.20	25.40
Brooders, electric, each.....	26.80	30.30	32.00	33.20	36.40	39.20	39.80
Rope, manila, per pound.....	.246	.395	.406	.384	.511	.558	.575
Binder, twine, per pound.....	.0897	.141	.142	.143	.233	.253	.267
Baskets, veneer, bushel, per dozen.....	2.01	3.60	3.60	3.60	3.50	3.55	3.55
Horse collars, leather, each.....	4.87	7.21	7.45	7.76	8.69	9.28	8.99
Lead arsenate, per pound.....	.173	.204	.208	.229	.278	.299	.367
Paris green, per pound.....	.406	.480	.480	.492	.536	.542	.557
Calcium arsenate, per pound.....	.124	.123	.128	.127	.140	.145	.141
<b>Fertilizer:</b>							
Mixed fertilizer							
2-12-6, ton.....	26.30	31.90	32.10	32.90	35.40	38.80	40.20
3-12-6, ton.....		33.00	33.60	34.50	37.70	40.20	40.60
4-12-4, ton.....		34.40	35.20	36.00	39.30	42.60	42.80
Nitrate of soda, ton.....	35.60	41.20	41.00	42.50	52.40	61.50	67.10
Ammonium sulphate, ton.....	37.30	46.70	46.80	48.60	60.00	69.60	74.40
Superphosphate, ton.....	22.00	25.20	25.70	26.80	29.70	31.90	31.90
Muriate of potash, ton.....	39.30	46.40	46.80	48.40	51.40	56.40	58.80
Agricultural limestone, ton <sup>4</sup> .....	4.09	3.86	4.03	3.25	3.75	3.74	3.76
<b>Livestock:</b>							
<b>Feeders and stockers:</b>							
Cattle and calves, per 100 pounds.....	6.98	11.40	12.50	14.40	18.90	24.60	20.90
Lambs, per 100 pounds <sup>4</sup> .....	8.68	12.90	14.80	17.30	21.30	22.70	24.60
Hogs, per 100 pounds.....	9.83	14.40	15.60	18.60	25.80	25.20	19.30
Baby chicks, per 100.....	8.84	15.00	15.50	15.70	15.10	16.60	16.40
Turkey poults, each.....	.327	.697	.759	.715	.697	.841	.855
<b>Feed:</b>							
Alfalfa hay, baled, per ton.....	17.10	30.50	30.80	30.60	32.60	35.10	32.70
Other hay, baled, per ton.....	14.50	27.70	28.40	27.20	29.00	30.70	28.40
Cottonseed meal, per 100 pounds.....	1.77	3.07	3.09	3.94	4.68	4.79	3.89
Soybean meal, per 100 pounds.....	1.99	3.15	3.12	4.01	4.81	5.02	4.45
Linseed meal, per 100 pounds.....	2.35	2.98	3.00	3.94	4.93	4.86	4.27
Meat scrap, per 100 pounds.....	2.77	4.28	4.26	4.86	6.10	6.20	6.68
Tankage, per 100 pounds.....	2.83	4.27	4.23	5.10	6.41	6.50	6.86
Bran, per 100 pounds.....	1.41	2.43	2.42	2.88	3.37	3.64	3.07
Middlings, per 100 pounds.....	1.58	2.46	2.44	2.92	3.65	3.93	3.24
Mill run, per 100 pounds.....	1.62	2.21	2.21	2.68	3.22	3.57	3.04
Corn meal, per 100 pounds.....	1.90	3.00	2.93	3.66	4.46	4.72	3.32
Corn gluten, per 100 pounds.....	1.75	2.64	2.64	3.24	3.85	4.25	3.45
Hominy feed, per 100 pounds.....	1.63	3.09	3.05	3.69	4.12	4.44	3.05
Scratch grains, per 100 pounds.....	1.91	3.17	3.22	3.93	4.69	4.93	3.90
Laying mash, per 100 pounds.....	2.31	3.61	3.59	4.22	4.87	5.16	4.49
Poultry ration cost, per 100 pounds.....	1.80	2.94	2.91	3.47	4.17	4.29	3.46
Chick starter mash, per 100 pounds.....	2.74	4.00	3.92	4.14	4.94	5.90	4.92
<b>Mixed dairy feed:</b>							
Under 29 pct. protein, per 100 lb.....	1.83	3.10	3.07	3.66	4.14	4.41	3.66
16 pct. protein, per 100 lb.....	1.69	2.96	2.90	3.48	3.99	4.23	3.51
18 pct. protein, per 100 lb.....			3.10	3.70	4.18	4.45	3.69
20 pct. protein, per 100 lb.....	1.85	3.17	3.12	3.78	4.30	4.55	3.78
24 pct. protein, per 100 lb.....	1.95	3.30	3.26	3.91	4.55	4.84	4.06
Over 28 pct. protein, per 100 pounds.....	2.16	3.47	3.37	4.14	4.92	5.19	4.53
Stock salt, per 100 pounds.....	.909	.994	1.01	1.05	1.15	1.26	1.28
<b>Seeds:</b>							
Potatoes, per 100 pounds.....	2.27	4.32	4.97	4.42	4.03	5.08	4.82
Soybeans, per bushel.....	1.82	2.85	3.08	3.21	4.51	4.95	3.65
Cowpeas, per bushel.....	2.20	5.17	6.31	6.17	6.54	7.26	5.00
Hybrid corn, per bushel.....	8.77	8.49	8.63	8.80	9.35	11.10	10.50
Open-pollinated corn, per bushel.....	2.35	3.82	4.32	4.42	4.70	5.57	4.79
Oats, per bushel.....	.582	1.30	1.22	1.24	1.47	2.36	1.52
Barley, per bushel.....	.942	1.54	1.56	1.71	2.04	2.85	2.03
Wheat, per bushel.....	1.30	1.77	1.89	2.22	2.87	3.13	2.76
Rye, per bushel.....	1.08	1.86	1.85	2.56	3.28	3.13	2.32
Alfalfa, common, per 100 pounds.....	27.60	47.60	47.70	48.10	50.50	43.20	61.00
Alfalfa, improved varieties, per 100 pounds.....	34.00	51.70	51.90	52.70	58.40	53.30	68.70
Clover, red, per 100 pounds.....	29.10	43.20	43.40	43.70	56.60	65.00	57.00
Clover, sweet, per 100 pounds.....	10.90	18.60	18.80	18.60	19.20	20.80	23.90
Clover, alsike, per 100 pounds.....	28.10	41.10	42.10	42.60	54.80	54.20	43.90

See footnotes at end of table.

TABLE 679.—*Prices paid by farmers for commodities, United States, average 1935-39, annual 1944-49*<sup>1</sup>—Continued

Commodity and unit	Average 1935-39 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>	1949
Seeds—Continued							
Lespedeza, Korean, per 100 pounds.....	Dollars 9.69	Dollars 14.90	Dollars 10.10	Dollars 10.80	Dollars 9.62	Dollars 15.40	Dollars 11.10
Timothy, per 100 pounds.....	7.86	9.84	9.94	9.81	10.70	10.60	25.20
Kentucky bluegrass, per pound.....	.210	.344	.423	.673	1.06	.532	.753
Common ryegrass, per pound.....	.0901	.141	.139	.142	.140	.137	.167
Sudan grass, per 100 pounds.....	6.43	13.90	8.96	9.95	11.60	12.20	11.40
Austrian winter peas, per 100 pounds.....	6.24	9.65	6.90	6.48	8.32	10.40	8.14
Vetch, hairy, per 100 pounds.....	12.00	17.00	17.60	18.10	21.30	25.10	24.20

<sup>1</sup> Commodities included in 1950 revision of Parity Index.<sup>2</sup> Some slight revisions have been made to adjust historic series to current commodity specifications and methods of summarization.<sup>3</sup> 2-door sedan prior to 1949.<sup>4</sup> Series revised 1935 to date.

Bureau of Agricultural Economics.

TABLE 680.—*Consumers' price index for moderate-income families in large cities, United States, 1929-49*<sup>1</sup>

[1935-39=100]

Year	Food	Nonfood items					All items
		Clothing	Rent	Fuel, electricity, and ice	House furnishings	Miscellaneous	
1929.....	132	115	141	112	112	105	123
1930.....	126	113	138	111	109	105	119
1931.....	104	103	130	109	98	104	109
1932.....	86	91	117	103	85	102	98
1933.....	84	88	101	100	84	98	92
1934.....	94	96	94	101	93	98	96
1935.....	100	97	94	101	95	98	98
1936.....	101	98	96	100	96	99	99
1937.....	105	103	101	100	104	101	103
1938.....	98	102	104	100	103	102	101
1939.....	95	100	104	99	101	101	99
1940.....	97	102	105	100	100	101	100
1941.....	106	106	106	102	107	104	105
1942.....	124	124	108	105	122	111	117
1943.....	138	130	108	108	126	116	124
1944.....	136	139	108	110	136	121	126
1945.....	139	146	108	110	146	124	128
1946.....	160	160	109	112	159	129	130
1947.....	194	186	111	121	184	140	159
1948.....	210	198	117	134	196	150	171
1949.....	202	190	121	138	189	155	169

<sup>1</sup> This index reflects retail prices of goods and services commonly bought by average families with moderate income in the 56 large cities of the United States. Prices are weighted by quantities bought in 1934-36 by families whose incomes averaged \$1,524.

Bureau of Agricultural Economics. Compiled from data of the Bureau of Labor Statistics. Data for 1913-28 in Agricultural Statistics, 1946, table 611.

TABLE 681.—Index numbers of wholesale prices, by groups of commodities, United States, 1929-49

[Calendar years 1910-14=100]

Year	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products <sup>1</sup>	House furnishing goods	Miscellaneous <sup>2</sup>	Other than farm products	Raw materials	All commodities
1929.....	147	155	169	161	158	118	173	116	173	75	138	149	139
1930.....	124	140	155	143	149	108	163	109	170	71	127	129	126
1931.....	91	116	134	118	128	99	144	98	156	63	111	100	107
1932.....	68	95	113	98	133	94	129	91	138	58	101	84	95
1933.....	72	94	125	115	126	94	140	89	139	57	102	86	96
1934.....	92	109	134	130	139	102	156	93	149	63	114	105	109
1935.....	111	130	139	126	140	101	154	97	148	62	119	118	117
1936.....	113	127	148	127	145	102	157	97	150	64	120	122	118
1937.....	121	133	162	136	147	112	172	102	164	71	128	130	126
1938.....	96	114	144	118	145	112	164	95	159	67	119	110	115
1939.....	92	109	148	124	139	111	164	94	158	68	118	107	113
1940.....	95	111	156	131	136	112	172	95	162	70	120	110	116
1941.....	116	128	168	151	145	117	187	104	173	74	131	128	127
1942.....	149	154	182	172	149	122	200	<sup>3</sup> 118	187	81	144	154	144
1943.....	172	165	182	173	153	122	202	<sup>3</sup> 119	188	84	146	172	151
1944.....	173	163	181	175	158	122	209	<sup>3</sup> 117	191	85	148	173	152
1945.....	180	165	183	178	159	123	213	<sup>3</sup> 117	<sup>3</sup> 191	86	<sup>3</sup> 149	179	154
1946.....	209	203	213	207	171	135	240	125	204	91	170	206	177
1947.....	254	262	283	252	206	170	326	157	240	105	216	253	222
1948.....	264	278	<sup>3</sup> 293	<sup>3</sup> 266	<sup>3</sup> 255	192	<sup>3</sup> 361	<sup>3</sup> 167	265	109	<sup>3</sup> 237	273	241
1949.....	232	250	280	250	250	199	350	146	266	102	226	251	226

<sup>1</sup> Prior to 1926 designated as "Chemicals and drugs."<sup>2</sup> Includes automobile tires and tubes, cattle feed, paper and pulp, crude rubber, barrels, batteries, caskets, cigar boxes, matches, mirrors, oil, pipe covering, rubber heels, rubber hose, men's rubbers, soap, starch, tobacco products and wax.<sup>3</sup> Revised.

Bureau of Agricultural Economics. Computed by reducing to a 1910-14 base the Bureau of Labor Statistics series, 1926=100; the index numbers for each group on the 1926 base are divided by the averages for 1910-14. The averages used for each group are as follows: Farm products, 71.3; foods, 64.5; hides and leather products, 64.5; textile products, 56.3; fuel and lighting, 52.7; metals and metal products, 85.3; building materials, 55.2; chemicals and drugs, 81.2; house furnishing goods, 54.6; miscellaneous, 110.1; other than farm products, 67.5; raw materials, 65.4; and all commodities, 68.5. Data for 1910-28 in Agricultural Statistics, 1946, table 608.

TABLE 682.—Cash receipts from farming and gross farm income, United States, 1929-49

Year	Cash receipts from farming						Cash receipts from farming and value of home consumption	Rental value of farm homes <sup>3</sup>	Gross farm income <sup>4</sup>	Per farm <sup>5</sup>	
	Farm marketings			Gov- ern- ment pay- ments <sup>1</sup>	Total	Value of home consumption <sup>2</sup>				Cash receipts	Gross income
	Live- stock and prod- ucts	Crops	Total								
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>		<i>Dollars</i>	<i>Dollars</i>
1929.....	6,171	5,125	11,296	-----	11,296	1,699	12,995	829	13,824	1,796	2,198
1930.....	5,181	3,840	9,021	-----	9,021	1,537	10,558	830	11,388	1,434	1,811
1931.....	3,835	2,536	6,371	-----	6,371	1,253	7,624	754	8,378	997	1,311
1932.....	2,746	1,997	4,743	-----	4,743	1,008	5,751	655	6,406	726	981
1933.....	2,841	2,473	5,314	131	5,445	1,023	6,468	587	7,055	810	1,050
1934.....	3,330	3,004	6,334	446	6,780	1,090	7,870	616	8,486	1,001	1,253
1935.....	4,108	2,978	7,086	573	7,659	1,320	8,979	616	9,595	1,124	1,409
1936.....	4,716	3,651	8,367	287	8,654	1,374	10,028	615	10,643	1,284	1,579
1937.....	4,902	3,948	8,850	367	9,217	1,410	10,627	638	11,265	1,389	1,698
1938.....	4,496	3,190	7,686	482	8,168	1,283	9,451	620	10,071	1,251	1,543
1939.....	4,511	3,366	7,877	807	8,684	1,244	9,928	619	10,547	1,348	1,637
1940.....	4,893	3,471	8,364	766	9,130	1,254	10,384	624	11,008	1,438	1,734
1941.....	6,465	4,716	11,181	586	11,767	1,460	13,227	658	13,885	1,870	2,207
1942.....	9,041	6,331	15,372	697	16,069	1,788	17,857	702	18,559	2,592	2,993
1943.....	11,454	7,980	19,434	672	20,106	2,163	22,269	755	23,024	3,304	3,784
1944.....	11,322	9,038	20,360	804	21,164	2,201	23,365	820	24,185	3,529	4,033
1945.....	11,982	9,538	21,520	769	22,289	2,256	24,545	889	25,434	3,741	4,269
1946.....	13,699	11,165	24,864	772	25,636	2,624	28,260	978	29,238	4,297	4,901
1947.....	16,510	13,504	30,014	314	30,328	3,095	33,423	1,220	34,643	5,080	5,803
1948.....	17,074	13,470	30,544	257	30,801	2,936	33,737	1,334	35,071	5,159	5,874
1949 <sup>6</sup> .....	15,390	12,737	28,127	185	28,312	2,504	30,816	1,351	32,167	4,742	5,388

<sup>1</sup> Payments under rental and benefit, soil conservation, price adjustment, price parity, Sugar Act, and production programs.

<sup>2</sup> Value of farm products consumed directly in farm households.

<sup>3</sup> Includes an allowance for maintenance and interest on the value of farm dwellings and for a proportionate share of taxes on farm real estate and insurance on farm buildings. In most years the rental value is from 9 to 11 percent of the estimated value of farm dwellings.

<sup>4</sup> Cash receipts from farm marketings, Government payments, value of home consumption, and rental value of farm homes.

<sup>5</sup> Includes Government payments since 1933. For number of farms, see table 616 in this book and table 685 in *Agricultural Statistics, 1941*.

<sup>6</sup> Preliminary.

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TABLE 683.—Cash receipts from farming and value of home consumption, by commodities, United States, 1948 and 1949

Commodity	Cash receipts from farming <sup>1</sup>		Value of home consumption <sup>2</sup>		Cash receipts from farming and value of home consumption	
	1948	1949	1948	1949	1948	1949
<b>LIVESTOCK AND PRODUCTS</b>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Meat animals:						
Cattle and calves.....	5,230,963	4,814,324	94,562	81,736	5,325,525	4,896,060
Hogs.....	3,715,404	3,225,488	592,046	436,536	4,307,450	3,662,024
Sheep and lambs.....	413,244	354,974	5,443	5,007	418,687	359,981
Total.....	9,359,611	8,394,786	692,051	523,279	10,051,662	8,918,065
Poultry and eggs:						
Broilers <sup>3</sup> .....	387,391	416,664	-----	-----	387,391	416,664
Chickens, other.....	542,320	505,757	194,941	173,806	737,261	679,563
Eggs (chicken).....	1,856,537	1,815,618	297,612	290,526	2,154,149	2,106,144
Turkeys.....	252,833	264,671	5,967	5,047	258,800	269,718
Other poultry <sup>4</sup> .....	36,431	35,011	4,465	3,962	40,896	38,973
Total.....	3,075,512	3,037,721	502,985	473,341	3,578,497	3,511,062
Dairy products:						
Butter, farm.....	29,929	24,149	-----	-----	29,929	24,149
Cream.....	591,047	466,349	-----	-----	591,047	466,349
Milk retail.....	430,094	398,882	-----	-----	430,094	398,882
Milk, wholesale.....	3,389,534	2,892,237	-----	-----	3,389,534	2,892,237
Total <sup>5</sup> .....	4,440,604	3,781,617	862,437	734,321	5,303,041	4,515,938
Wool.....	114,072	106,874	-----	-----	114,072	106,874
Mohair.....	7,531	6,772	-----	-----	7,531	6,772
Other <sup>6</sup> .....	76,931	62,515	6,446	6,132	83,377	68,647
Total livestock.....	17,074,261	15,390,285	2,063,919	1,737,073	19,138,180	17,127,358
<b>CROPS</b>						
Food grains:						
Buckwheat.....	3,038	1,769	130	98	3,168	1,867
Rice.....	169,849	158,596	593	481	170,442	159,077
Rye.....	31,445	17,964	59	44	31,504	18,008
Wheat.....	2,499,567	2,168,003	8,980	7,317	2,508,547	2,175,320
Total.....	2,703,899	2,346,332	9,762	7,940	2,713,661	2,354,272
Feed crops:						
Barley.....	232,410	176,583	-----	-----	232,410	176,583
Corn.....	1,134,307	1,358,586	31,004	21,254	1,165,311	1,379,840
Sorghums, grain.....	110,218	138,879	-----	-----	110,218	138,879
Hay.....	317,783	284,639	-----	-----	317,783	284,639
Oats.....	305,845	238,988	-----	-----	305,845	238,988
Total.....	2,100,563	2,197,675	31,004	21,254	2,131,567	2,218,929
Cotton:						
Lint.....	2,214,068	2,380,326	-----	-----	2,214,068	2,380,326
Seed.....	353,357	256,565	-----	-----	353,357	256,565
Total.....	2,567,425	2,636,891	-----	-----	2,567,425	2,636,891
Tobacco.....	945,306	904,068	-----	-----	945,306	904,068
Oil-bearing crops:						
Flaxseed.....	323,952	153,791	-----	-----	323,952	153,791
Peanuts.....	225,872	185,118	3,277	3,173	229,149	188,291
Soybeans.....	489,289	457,475	-----	-----	489,289	457,475
Tung nuts.....	2,989	3,859	-----	-----	2,989	3,859
Total.....	1,042,102	800,243	3,277	3,173	1,045,379	803,416
Vegetables:						
Dry edible beans.....	142,855	156,220	426	313	143,281	156,533
Dry field peas.....	17,906	10,770	-----	-----	17,906	10,770
Mung beans.....	552	291	-----	-----	552	291
Potatoes.....	582,475	462,720	66,619	55,011	649,074	517,731
Sweet potatoes.....	47,000	50,023	36,326	37,400	83,326	87,423
Truck crops.....	1,197,918	1,136,429	500,297	444,275	1,698,215	1,580,704
Total.....	1,988,706	1,816,453	603,668	536,999	2,592,874	2,353,452

See footnotes at end of table.

TABLE 683.—Cash receipts from farming and value of home consumption, by commodities, United States, 1948 and 1949—Continued

Commodity	Cash receipts from farming <sup>1</sup>		Value of home consumption <sup>2</sup>		Cash receipts from farming and value of home consumption	
	1948	1949	1948	1949	1948	1949
<b>CROPS—Continued</b>						
<b>Fruits:</b>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
<b>Citrus:</b>						
Grapefruit.....	28,138	55,015	127	253	28,265	55,268
Lemons.....	36,591	47,448	84	130	36,675	47,578
Limes.....	697	1,093			697	1,093
Oranges.....	153,358	200,378	1,048	1,495	154,406	201,873
Other <sup>7</sup> .....	48	100	10	19	58	119
<b>Non-citrus:</b>						
Apples.....	218,386	224,135	35,964	32,180	254,350	256,315
Apricots.....	15,195	13,464	313	287	15,508	13,751
Avacodos.....	7,589	6,135	112	107	7,701	6,242
Cherries.....	45,373	40,180	4,194	3,436	49,567	43,616
Cranberries.....	9,814	7,566			9,814	7,566
Dates.....	2,060	2,298	33	27	2,093	2,325
Figs.....	5,693	6,267	454	497	6,147	6,764
Grapes.....	119,153	94,540	3,866	3,342	123,019	97,882
Olives.....	8,393	6,411	30	34	8,423	6,445
Peaches.....	119,207	93,983	14,768	12,775	133,975	106,758
Pears.....	59,055	43,290	4,941	3,612	63,996	46,902
Plums.....	12,817	10,341	1,869	1,253	14,686	11,594
Prunes.....	31,441	28,866	321	260	31,762	29,126
Strawberries.....	104,157	83,822	4,568	3,881	108,725	87,683
Other berries <sup>8</sup> .....	116,650	95,805	5,805	4,901	122,455	100,706
Other <sup>9</sup> .....	1,637	1,266	132	121	1,769	1,387
<b>Total.....</b>	<b>1,095,452</b>	<b>1,062,403</b>	<b>78,639</b>	<b>68,590</b>	<b>1,174,091</b>	<b>1,130,993</b>
<b>Tree nuts:</b>						
Almonds.....	14,264	12,261	84	63	14,348	12,324
Filberts.....	1,489	2,387	92	86	1,581	2,473
Pecans.....	20,242	18,843	1,570	1,906	21,812	20,749
Walnuts, Persian (English).....	29,171	27,288	309	252	29,480	27,540
<b>Total.....</b>	<b>65,166</b>	<b>60,779</b>	<b>2,055</b>	<b>2,307</b>	<b>67,221</b>	<b>63,086</b>
<b>Legume and grass seeds:</b>						
Alfalfa.....	24,593	32,516			24,593	32,516
Alsike clover.....	6,922	5,660			6,922	5,660
Austrian winter peas.....	3,167	3,162			3,167	3,162
Bermuda grass.....	830	607			830	607
Blue lupine.....	677	1,632			677	1,632
Brome grass.....	716	1,184			716	1,184
Cowpeas.....	6,825	5,053	1,524	1,127	8,349	6,180
Crimson clover.....	2,531	3,248			2,531	3,248
Kentucky blue grass.....	3,848	5,295			3,848	5,295
Ladino clover.....	3,211	4,304			3,211	4,304
Lespedeza.....	16,350	12,627			16,350	12,627
Mustard.....	1,536	893			1,536	893
Orchard grass.....	730	1,380			730	1,380
Rape.....	571	257			571	257
Red clover.....	29,110	25,623			29,110	25,623
Red top.....	1,585	3,382			1,585	3,382
Ryegrass, common.....	2,618	4,284			2,618	4,284
Ryegrass, perennial.....	786	898			786	898
Sudan grass.....	1,193	1,512			1,193	1,512
Sweet clover.....	4,164	3,929			4,164	3,929
Timothy.....	1,748	5,600			1,748	5,600
Vetch, common-Willamette.....	2,078	998			2,078	998
Vetch, hairy.....	3,153	3,286			3,153	3,286
Vetch, purple.....	649	556			649	556
White clover.....	2,328	1,462			2,328	1,462
Other <sup>10</sup> .....	6,749	5,408			6,749	5,408
<b>Total.....</b>	<b>128,668</b>	<b>134,756</b>	<b>1,524</b>	<b>1,127</b>	<b>130,192</b>	<b>135,583</b>
<b>Sugarcane and sirup crops:</b>						
Maple sirup and sugar.....	6,156	6,560	944	825	7,100	7,385
Sorgo sirup.....	6,418	5,456	6,358	4,887	12,776	10,343
Sugar beets.....	97,262	105,409			97,262	105,409
Sugarcane sirup.....	8,537	7,360	4,614	3,512	13,151	10,872
Sugarcane for sugar.....	36,385	40,566			36,385	40,566
<b>Total.....</b>	<b>154,758</b>	<b>165,351</b>	<b>11,916</b>	<b>9,224</b>	<b>16,674</b>	<b>174,575</b>

See footnotes at end of table.

TABLE 683.—Cash receipts from farming and value of home consumption, by commodities, United States, 1948 and 1949—Continued

Commodity	Cash receipts from farming <sup>1</sup>		Value of home consumption <sup>2</sup>		Cash receipts from farming and value of home consumption	
	1948	1949	1948	1949	1948	1949
CROPS—Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Miscellaneous crops:						
Broomcorn.....	9,261	9,524			9,261	9,524
Flax fiber.....	126	152			126	152
Hemp.....	396	372			396	372
Hops.....	27,591	21,584			27,591	21,584
Peppermint.....	9,734	7,692			9,734	7,692
Popcorn.....	10,876	7,536			10,876	7,536
Spearmint.....	3,441	1,681			3,441	1,681
Forest products.....	186,902	150,005	130,062	116,691	316,964	266,696
Greenhouse and nursery products.....	429,324	413,184			429,324	413,184
Total.....	677,651	611,730	130,062	116,691	807,713	728,421
Total crops.....	13,469,696	12,736,681	871,907	767,305	14,341,603	13,503,986
Total livestock and crops.....	30,543,957	28,126,966	2,935,826	2,504,378	33,479,783	30,631,344
Government payments <sup>11</sup> .....	256,505	185,453			256,505	185,453
Grand total.....	30,800,462	28,312,419	2,935,826	2,504,378	33,736,288	30,816,797

<sup>1</sup> Amount of money received by farmers during the calendar year from the sale of farm products and from Government payments.

<sup>2</sup> Quantities of farm products consumed directly in farm households, valued at the average price received by farmers for the sale of similar commodities.

<sup>3</sup> Cash receipts include value of home consumption, which is less than 1 percent of total production.

<sup>4</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and all other.

<sup>5</sup> Value of home consumption determined by applying milk-equivalent price received for products sold to total home-consumed milk; not available for separate items.

<sup>6</sup> Horses, mules, honey, beeswax and bees.

<sup>7</sup> Kumquats and tangelos.

<sup>8</sup> Boysenberries, blackberries, dewberries, loganberries, youngberries, currants, gooseberries and all other.

<sup>9</sup> Persimmons, pineapples, pomegranates, nectarines, bananas, guavas, jujubes, mangoes, papayas, prickly pears, quinces, sapodillas, and loquats.

<sup>10</sup> Crested wheatgrass, meadow fescue, sunflower, and Hungarian vetch seed, red fescue, chewing fescue, tall fescue, and bentgrass.

<sup>11</sup> Payments under dairy, sheep and lamb, and beef production, agricultural conservation, Sugar Act, and price parity programs.

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TABLE 684.—Cash receipts from farming and value of home consumption, by States, 1948

State and region	Cash receipts from farming					Value of home consumption <sup>1</sup>			Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	77,158	139,716	216,874	1,206	218,080	11,047	8,358	19,405	237,485
New Hampshire.....	53,514	14,203	67,717	495	68,212	4,310	4,019	8,329	76,541
Vermont.....	104,595	19,338	123,933	1,535	125,468	6,877	6,270	13,147	138,615
Massachusetts.....	129,963	67,040	197,003	979	197,982	9,126	8,685	17,811	215,793
Rhode Island.....	17,758	6,922	24,680	92	24,772	1,198	792	1,990	26,762
Connecticut.....	101,836	60,247	162,083	531	162,614	6,599	5,268	11,867	174,481
New York.....	649,162	300,960	950,122	5,159	955,281	47,345	29,218	76,563	1,031,844
New Jersey.....	184,127	133,005	317,132	993	318,125	8,194	4,278	12,472	330,597
Pennsylvania.....	620,595	203,426	824,021	5,318	829,339	61,885	29,045	90,930	920,269
North Atlantic.....	1,938,708	944,857	2,883,565	16,308	2,899,873	156,581	95,933	252,514	3,152,387
Ohio.....	740,618	298,165	1,038,783	8,110	1,046,893	76,375	24,243	100,618	1,147,511
Indiana.....	753,313	297,659	1,050,972	6,034	1,057,006	57,912	15,536	73,448	1,130,454
Illinois.....	1,138,101	725,717	1,863,818	10,402	1,874,220	77,682	18,759	96,441	1,970,661
Michigan.....	445,882	269,349	715,231	8,460	723,691	46,859	24,632	71,491	795,182
Wisconsin.....	1,011,446	141,283	1,152,729	8,275	1,161,004	54,700	26,337	81,037	1,242,041
East North Central.....	4,089,360	1,732,173	5,821,533	41,281	5,862,814	313,528	109,507	423,035	6,285,849
Minnesota.....	912,943	415,749	1,328,692	9,879	1,338,571	61,662	21,982	83,644	1,422,215
Iowa.....	1,753,977	356,447	2,110,424	10,748	2,121,172	79,367	20,720	100,087	2,221,259
Missouri.....	816,240	279,047	1,095,287	6,398	1,101,685	83,069	36,207	119,276	1,220,961
North Dakota.....	198,996	498,386	697,382	6,984	704,366	26,050	5,263	31,313	735,679
South Dakota.....	385,409	265,232	650,641	4,419	655,060	22,882	4,520	27,402	682,462
Nebraska.....	675,322	354,861	1,030,183	8,505	1,038,688	43,329	7,127	50,456	1,089,144
Kansas.....	544,928	595,820	1,140,748	7,365	1,148,113	47,072	8,185	55,257	1,203,370
West North Central.....	5,287,815	2,765,542	8,053,357	54,298	8,107,655	363,431	104,004	467,435	8,575,090
Delaware.....	80,728	18,164	98,892	517	99,409	2,886	1,605	4,491	103,900
Maryland.....	168,690	80,142	248,832	1,660	250,492	15,997	6,355	22,352	272,844
Virginia.....	231,017	208,607	439,624	4,040	443,664	80,367	44,077	124,444	568,108
West Virginia.....	99,726	24,566	124,292	1,946	126,238	38,102	21,641	59,743	185,981
North Carolina.....	152,994	630,097	783,091	7,905	790,996	108,639	60,790	169,429	960,425
South Carolina.....	78,479	273,090	351,569	3,260	354,829	53,631	24,640	78,271	433,100
Georgia.....	169,800	350,318	520,118	6,395	526,513	93,030	45,837	138,867	665,380
Florida.....	104,908	230,973	335,881	3,428	339,309	16,345	8,546	24,891	364,200
South Atlantic.....	1,086,342	1,815,957	2,902,299	29,151	2,931,450	408,997	213,491	622,488	3,553,938
Kentucky.....	322,224	268,208	590,432	8,608	599,040	91,175	36,348	127,523	726,563
Tennessee.....	242,360	259,367	501,727	5,613	507,340	91,010	43,495	134,505	641,845
Alabama.....	130,266	301,314	431,580	4,150	435,730	91,059	48,719	139,778	575,508
Mississippi.....	133,650	404,711	538,361	5,684	544,045	75,770	49,245	125,015	669,060
Arkansas.....	168,013	402,665	570,678	5,044	575,722	63,560	34,483	98,043	673,765
Louisiana.....	107,675	246,827	354,502	8,558	363,060	42,352	21,734	64,086	427,146
Oklahoma.....	345,259	337,749	683,008	5,676	688,684	58,310	22,218	80,528	769,212
Texas.....	861,825	1,101,187	1,963,012	16,438	1,979,450	161,094	41,933	203,027	2,182,477
South Central.....	2,311,272	3,322,028	5,633,300	59,771	5,693,071	674,330	298,175	972,505	6,665,576
Montana.....	194,275	215,766	410,041	6,538	416,579	13,389	3,762	17,151	433,730
Idaho.....	166,696	212,623	379,319	6,941	386,260	12,734	3,803	16,537	402,797
Wyoming.....	127,750	38,712	166,462	3,106	169,568	6,546	1,104	7,650	177,218
Colorado.....	306,093	262,161	568,254	9,456	577,710	17,042	2,650	19,692	597,402
New Mexico.....	119,269	71,378	190,647	2,552	193,199	9,418	2,340	11,758	204,957
Arizona.....	81,229	143,065	224,294	1,792	226,086	5,790	1,073	6,863	232,949
Utah.....	115,297	47,929	163,226	3,077	166,303	8,301	2,430	10,731	177,034
Nevada.....	44,883	7,547	52,430	429	52,859	1,785	387	2,172	55,031
Washington.....	202,542	362,722	565,264	3,998	569,262	23,600	13,326	36,926	606,188
Oregon.....	172,192	224,681	396,873	4,196	401,069	18,077	9,437	27,514	428,583
California.....	830,538	1,302,555	2,133,093	13,611	2,146,704	30,370	10,485	40,855	2,187,559
Western.....	2,360,764	2,889,139	5,249,903	55,696	5,305,599	147,052	50,797	197,849	5,503,448
United States.....	17,074,261	13,469,696	30,543,957	256,505	30,800,462	2,063,919	871,907	2,935,826	33,738,288

<sup>1</sup> Value of farm products consumed directly in farm households.

Bureau of Agricultural Economics.



TABLE 685.—Cash receipts from farming and value of home consumption, by States, 1949

State and region	Cash receipts from farming					Value of home consumption <sup>1</sup>			Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	75,528	105,416	180,944	744	181,688	9,618	7,595	17,213	198,901
New Hampshire.....	50,212	13,201	63,413	399	63,812	3,696	3,775	7,471	71,283
Vermont.....	88,788	16,356	105,144	1,112	106,256	5,781	5,676	11,457	117,713
Massachusetts.....	117,302	65,372	182,674	470	183,144	8,214	7,885	16,099	199,243
Rhode Island.....	16,983	6,131	23,114	65	23,179	1,069	733	1,802	24,981
Connecticut.....	97,703	58,198	155,901	393	156,294	6,017	4,878	10,895	167,189
New York.....	587,622	281,875	869,497	4,475	873,972	39,116	26,125	65,241	939,213
New Jersey.....	179,437	112,983	292,420	629	293,049	7,150	3,862	11,012	304,061
Pennsylvania.....	577,483	190,865	768,348	4,828	773,176	52,587	26,245	78,832	852,008
North Atlantic.....	1,791,058	850,397	2,641,455	13,115	2,654,570	133,248	86,774	220,022	2,874,592
Ohio.....	640,429	316,456	956,885	4,557	961,442	60,149	22,054	82,203	1,043,645
Indiana.....	665,028	292,272	957,300	3,869	961,169	46,214	13,815	60,029	1,021,198
Illinois.....	999,338	731,338	1,730,676	5,904	1,736,580	62,676	16,501	79,177	1,815,757
Michigan.....	403,336	266,717	670,053	4,195	674,248	38,457	21,902	60,359	734,607
Wisconsin.....	828,476	123,952	952,428	4,260	956,688	42,720	22,716	65,436	1,022,124
East North Central.....	3,536,607	1,730,735	5,267,342	22,785	5,290,127	250,216	96,988	347,204	5,637,331
Minnesota.....	838,765	352,442	1,191,207	5,781	1,196,988	48,450	20,165	68,615	1,265,603
Iowa.....	1,600,057	440,473	2,040,530	5,301	2,045,831	63,776	18,844	82,620	2,128,451
Missouri.....	737,330	267,106	1,004,436	5,493	1,009,929	66,624	32,339	98,963	1,108,892
North Dakota.....	170,117	363,632	533,749	3,547	537,296	21,030	4,501	25,531	562,827
South Dakota.....	364,215	186,192	550,407	4,241	554,648	18,083	3,699	21,782	576,430
Nebraska.....	600,267	322,628	922,895	6,841	929,736	36,705	6,539	43,244	972,980
Kansas.....	538,503	465,712	1,004,215	6,079	1,010,294	38,057	7,384	45,441	1,055,735
West North Central.....	4,849,254	2,398,185	7,247,439	37,283	7,284,722	292,725	93,471	386,196	7,670,918
Delaware.....	80,704	16,867	97,571	246	97,817	2,463	1,343	3,806	101,623
Maryland.....	160,301	78,130	238,431	1,688	240,119	13,495	5,594	19,089	259,208
Virginia.....	223,122	182,454	405,576	3,517	409,093	67,309	38,252	105,561	514,654
West Virginia.....	92,220	22,168	114,388	1,918	116,306	33,475	19,156	52,631	168,937
North Carolina.....	145,985	559,661	705,646	7,557	713,203	93,517	51,445	144,962	858,165
South Carolina.....	62,471	215,765	278,236	2,634	280,870	50,674	22,155	72,829	353,699
Georgia.....	155,734	290,768	446,502	5,903	452,405	84,844	39,910	124,754	577,159
Florida.....	96,461	338,673	435,134	2,180	437,314	14,756	7,999	22,755	460,069
South Atlantic.....	1,016,998	1,704,486	2,721,484	25,643	2,747,127	360,533	185,854	546,387	3,293,514
Kentucky.....	280,155	254,289	534,444	5,024	539,468	71,087	32,534	103,621	643,089
Tennessee.....	215,067	216,894	431,961	5,160	437,121	73,119	37,391	110,510	547,631
Alabama.....	119,063	219,693	338,756	5,482	344,238	79,984	43,083	123,067	467,305
Mississippi.....	113,954	376,282	490,236	4,766	495,002	61,234	41,618	102,852	597,854
Arkansas.....	149,634	386,141	535,775	4,043	539,818	51,833	30,792	82,625	622,443
Louisiana.....	98,045	238,941	336,986	9,093	346,079	39,974	18,718	58,692	404,771
Oklahoma.....	290,034	313,202	603,236	6,654	609,890	50,260	19,549	69,809	679,699
Texas.....	786,799	1,270,284	2,057,083	14,739	2,071,822	144,695	37,656	182,351	2,254,173
South Central.....	2,052,751	3,275,726	5,328,477	54,961	5,383,438	572,186	261,341	833,527	6,216,965
Montana.....	189,696	174,221	363,917	3,379	367,196	11,450	3,417	14,867	382,063
Idaho.....	134,069	203,931	338,000	5,059	343,059	10,763	3,186	13,949	357,008
Wyoming.....	95,872	40,182	136,054	2,057	138,111	5,820	971	6,791	144,902
Colorado.....	280,847	245,286	526,133	3,472	529,605	14,334	2,399	16,733	546,338
New Mexico.....	111,651	81,957	193,608	1,064	194,672	8,552	2,129	10,681	205,353
Arizona.....	69,029	177,276	246,305	745	247,050	5,334	891	6,225	253,275
Utah.....	103,114	47,455	150,569	1,881	152,450	6,983	2,141	9,124	161,574
Nevada.....	38,024	8,242	46,266	129	46,395	1,526	303	1,829	48,224
Washington.....	185,967	313,286	499,243	2,210	501,453	20,360	10,827	31,187	532,640
Oregon.....	164,269	109,294	273,563	2,450	276,013	16,178	7,718	23,896	300,909
California.....	771,189	1,286,022	2,057,211	9,220	2,066,431	26,865	8,895	35,760	2,102,191
Western.....	2,143,617	2,777,152	4,920,769	31,666	4,952,435	128,165	42,877	171,042	5,123,477
United States.....	15,390,285	12,736,681	28,126,966	185,453	28,312,419	1,737,073	767,305	2,504,378	30,816,797

<sup>1</sup> Value of farm products consumed directly in farm households.

Bureau of Agricultural Economics.

TABLE 686.—*Net income from farming to persons living on farms and those not living on farms, United States, 1929-49*<sup>1</sup>

Year	Persons living on farms						Persons not living on farms				Total net income from farming	
	Farm operators			Farm wages to laborers on farms <sup>2</sup>	Total realized net income	Adjustment for changes in inventory <sup>3</sup>	Total net income from farming	Farm wages to laborers not on farms <sup>3</sup>	Farm mortgage interest <sup>4</sup>	Net farm rent <sup>5</sup>		Total net income from farming
	Gross farm income	Production expenses	Realized net income									
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	13,824	7,780	6,044	863	6,907	-166	6,741	421	582	672	1,675	8,416
1930.....	11,388	7,059	4,329	774	5,103	11	5,114	360	572	522	1,454	6,568
1931.....	8,378	5,634	2,744	588	3,332	150	3,482	259	559	320	1,138	4,620
1932.....	6,406	4,574	1,832	413	2,245	40	2,285	171	534	227	932	3,217
1933.....	7,055	4,374	2,681	368	3,049	-56	2,993	144	472	315	931	3,924
1934.....	8,486	4,727	3,759	432	4,191	-660	3,531	169	430	409	1,008	4,539
1935.....	9,595	5,111	4,484	530	5,014	38	5,052	210	396	491	1,097	6,149
1936.....	10,643	5,581	5,062	630	5,692	-331	5,361	250	364	532	1,146	6,507
1937.....	11,265	6,126	5,139	741	5,880	213	6,093	298	341	510	1,149	7,242
1938.....	10,071	5,744	4,327	709	5,036	5	5,041	291	320	458	1,069	6,110
1939.....	10,547	6,088	4,459	696	5,155	107	5,262	286	305	502	1,093	6,355
1940.....	11,009	6,484	4,525	726	5,251	96	5,347	297	293	430	1,020	6,367
1941.....	13,881	7,469	6,412	879	7,291	374	7,665	364	284	677	1,324	8,989
1942.....	18,551	9,465	9,086	1,154	10,240	928	11,168	479	272	943	1,694	12,862
1943.....	23,008	10,882	12,126	1,422	13,548	536	14,084	597	246	1,048	1,891	15,975
1944.....	24,159	11,640	12,519	1,542	14,061	-402	13,659	655	230	1,057	1,942	15,601
1945.....	25,419	12,629	12,790	1,622	14,412	-439	13,973	690	220	1,073	1,983	15,956
1946.....	29,255	14,238	15,017	1,788	16,805	-126	16,679	762	216	1,303	2,281	18,960
1947.....	34,643	16,849	17,794	1,989	19,783	-1,059	18,724	848	222	1,474	2,544	21,268
1948.....	35,071	18,545	16,526	2,147	18,673	496	19,169	915	229	1,443	2,587	21,756
1949 <sup>6</sup> .....	32,167	18,038	14,129	2,063	16,192	-258	15,934	877	242	1,055	2,174	18,108

<sup>1</sup> Includes Government payments.<sup>2</sup> Cash wages and value of perquisites.<sup>3</sup> An adjustment to realized net income to deduct sales out of inventories or to add increases in inventories from current production. Computed by valuing changes during the year in numbers of livestock on farms and in quantities of crops held for sale, at year-end prices.<sup>4</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.<sup>5</sup> Gross rent to nonfarm landlords minus their share of expenses. However, prior to 1940, farm mortgage interest paid by nonfarm landlords has not been deducted.<sup>6</sup> Preliminary.

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TABLE 687.—*Net income of persons living on farms and those not living on farms, United States, 1934-49*<sup>1</sup>

Year	Net income					Population			Per capita net income				
	Persons on farms			Persons not on farms <sup>2</sup>	Total (National income) <sup>2</sup>	Farm	Nonfarm	Total	Persons on farms			Persons not on farms	Total population
	From farming	From nonagricultural sources	Total						From farming	From nonagricultural sources	Total		
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1934.....	3,531	1,700	5,231	44,217	49,448	31,945	94,066	126,011	111	53	164	470	392
1935.....	5,052	1,860	6,912	49,486	56,398	31,801	95,064	126,865	159	58	217	521	445
1936.....	5,361	1,990	7,351	58,356	65,707	31,377	96,343	127,720	171	63	234	606	514
1937.....	6,093	2,200	8,293	63,263	71,556	30,906	97,569	128,475	197	71	268	648	557
1938.....	5,041	2,130	7,171	59,241	66,412	30,620	98,735	129,355	165	69	234	600	513
1939.....	5,262	2,290	7,552	63,963	71,515	30,480	99,926	130,406	173	75	248	640	548
1940.....	5,347	2,440	7,787	70,324	78,111	30,269	101,187	131,456	176	81	257	695	594
1941.....	7,665	2,770	10,435	84,796	95,231	29,988	102,650	132,638	256	92	348	826	718
1942.....	11,168	3,390	14,558	108,610	123,168	29,048	104,905	133,953	384	117	501	1,035	919
1943.....	14,084	3,880	17,964	134,551	152,515	26,659	108,987	135,646	528	146	674	1,234	1,124
1944.....	13,659	4,030	17,689	146,708	164,397	25,521	111,847	137,368	535	158	693	1,311	1,197
1945.....	13,973	3,980	17,953	146,114	164,067	25,190	113,733	138,923	554	158	712	1,284	1,181
1946.....	16,679	4,270	20,949	147,344	168,293	26,850	113,544	140,394	621	159	780	1,298	1,199
1947.....	18,724	4,900	23,624	162,219	185,843	27,550	115,146	142,696	679	178	857	1,409	1,302
1948.....	19,169	5,300	24,469	183,009	207,478	27,440	117,986	145,426	699	193	892	1,551	1,427
1949 <sup>3</sup> .....	15,934	5,300	21,234	182,854	204,088	27,776	120,275	148,051	574	191	765	1,520	1,378

<sup>1</sup> Includes Government payments.<sup>2</sup> The series on income of the nonfarm population and total National income are those previously developed for use in comparison with income of the farm population. They are based on Department of Commerce estimates of non-

agricultural income, with appropriate adjustments to improve their comparability with farm income.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 688.—*Estimated gross and net rent payable on farm real estate and amount of Government payments received by landlords, United States, 1929-49*

Year	Gross rent due landlords <sup>1</sup>	Estimated expenses of landlords	Net rent <sup>1</sup>			Government payments	
			Total	Due landlords living on farms	Due landlords not living on farms	Received by landlords living on farms	Received by landlords not living on farms
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,621,474	559,228	1,062,246	389,844	672,402	.....	.....
1930.....	1,315,609	505,170	810,439	288,516	521,923	.....	.....
1931.....	906,477	414,375	492,102	171,744	320,358	.....	.....
1932.....	668,935	325,918	343,017	116,969	226,048	.....	.....
1933.....	792,532	313,788	478,744	164,209	314,535	9,467	18,133
1934.....	953,323	331,289	622,034	213,358	408,676	25,314	48,486
1935.....	1,101,377	374,534	726,843	235,497	491,346	35,964	75,036
1936.....	1,187,144	399,130	788,014	259,257	528,757	17,865	36,435
1937.....	1,217,545	457,403	760,142	250,087	510,055	26,057	53,143
1938.....	1,080,191	408,047	672,144	214,414	457,730	32,538	69,462
1939.....	1,170,178	436,106	734,072	231,967	502,105	47,274	102,326
1940.....	1,210,243	455,886	754,357	237,622	516,735	44,371	96,490
1941.....	1,570,320	481,730	1,088,590	360,323	728,267	34,088	72,438
1942.....	2,009,935	499,466	1,510,469	499,965	1,010,504	39,974	86,524
1943.....	2,235,061	526,859	1,708,202	558,532	1,149,620	37,763	81,741
1944.....	2,298,925	541,894	1,757,031	581,577	1,175,454	44,624	88,543
1945.....	2,357,819	560,463	1,797,356	585,938	1,211,418	41,670	83,238
1946.....	2,896,172	711,503	2,184,669	705,648	1,479,021	43,748	86,842
1947 <sup>2</sup> .....	3,130,223	875,385	2,254,838	726,058	1,528,780	17,767	37,341
1948 <sup>3</sup> .....	3,115,535	1,087,026	2,028,509	655,208	1,373,301	14,369	30,048
1949 <sup>3</sup> .....	2,721,562	1,062,235	1,659,327	544,259	1,115,068	11,532	23,627

<sup>1</sup> Includes proportionate share of all Government payments payable to landlords.<sup>2</sup> Revised.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 689.—*Spending for family living: Average expenditures for selected items by account-keeping families in four States, 1940-49*

ILLINOIS											
Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1940....	235	154	92	122	3.8	1945....	401	260	178	118	3.7
1941....	267	184	95	145	3.9	1946....	459	311	196	237	3.4
1942....	311	232	124	164	3.8	1947....	541	356	190	367	3.4
1943....	352	246	137	124	3.7	1948....	570	394	207	383	3.5
1944....	383	249	144	121	3.7	1949....	566	335	234	333	3.5

  

KANSAS											
Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1940....	224	130	75	86	4.2	1945....	387	209	168	100	3.8
1941....	241	140	76	153	4.1	1946....	463	270	202	207	3.7
1942....	322	180	109	186	4.4	1947....	553	345	200	365	3.9
1943....	352	198	115	96	3.9	1948....	585	354	209	356	3.7
1944....	398	230	112	92	3.9	1949....	600	308	210	282	3.7

  

SOUTHEAST MINNESOTA											
Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1940....	294	124	90	97	4.2	1945....	413	207	138	76	4.1
1941....	329	159	92	123	4.2	1946....	536	259	155	178	4.0
1942....	401	204	118	143	4.5	1947....	617	309	157	335	3.9
1943....	414	203	128	85	4.3	1948....	658	308	219	333	4.1
1944....	419	197	130	77	3.9	1949....	635	302	209	217	4.1

  

IOWA											
Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1940....	243	152	88	( <sup>1</sup> )	4.3	1945....	401	281	139	( <sup>1</sup> )	4.2
1941....	294	183	90	( <sup>1</sup> )	4.2	1946....	475	338	167	( <sup>1</sup> )	4.2
1942....	341	225	97	( <sup>1</sup> )	4.2	1947....	596	396	258	( <sup>1</sup> )	4.1
1943....	371	236	119	( <sup>1</sup> )	4.2	1948....	616	423	226	( <sup>1</sup> )	4.0
1944....	404	271	129	( <sup>1</sup> )	4.2	1949....	591	360	206	( <sup>1</sup> )	4.0

  

AVERAGE FOR ALL FOUR STATES											
Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1940....	251	141	87	<sup>2</sup> 104	4.1	1945....	402	243	155	<sup>2</sup> 98	4.0
1941....	286	169	89	<sup>2</sup> 140	4.1	1946....	485	297	178	<sup>2</sup> 208	3.8
1942....	345	213	112	<sup>2</sup> 162	4.2	1947....	578	352	201	<sup>2</sup> 355	3.8
1943....	374	223	126	<sup>2</sup> 103	4.0	1948....	609	372	216	<sup>2</sup> 359	3.8
1944....	401	238	131	<sup>2</sup> 98	3.9	1949....	597	328	215	<sup>2</sup> 278	3.8

<sup>1</sup> Data not available.<sup>2</sup> Average for Illinois, Kansas, and Southeast Minnesota.

Bureau of Human Nutrition and Home Economics. Compiled from annual summaries of farm and family accounts submitted to State colleges. Data for 1936 in Agricultural Statistics, 1948, table 679, and data for 1937-39 in Agricultural Statistics, 1949, table 684.

TABLE 690.—Average expenditures for family living and farm production, and amount available for savings or investment, of farm operator families, by gross income class, United States and regions, 1946

Area and classified gross cash income (dollars)	Average gross income	Average expenditures for—			Residual available for savings or investment
		Farm production	Farm operator family living	Total	
United States:	Dollars	Dollars	Dollars	Dollars	Dollars
0-499.....	293	353	656	1,009	-716
500-999.....	755	363	759	1,122	-367
1,000-1,499.....	1,261	591	931	1,522	-261
1,500-1,999.....	1,728	792	1,129	1,921	-193
2,000-2,999.....	2,430	1,091	1,462	2,553	-123
3,000-3,999.....	3,463	1,608	1,704	3,312	151
4,000-4,999.....	4,361	2,067	1,942	4,009	352
5,000-7,499.....	5,972	2,854	2,237	5,091	881
7,500-9,999.....	8,519	4,202	2,566	6,768	1,751
10,000-19,999.....	12,890	7,745	3,025	10,770	2,120
20,000 and over.....	33,585	20,449	5,379	25,828	7,757
Average.....	4,330	2,289	1,629	3,918	412
Northeast:					
0-499.....	519	528	827	1,355	-837
1,000-1,499.....	1,518	1,094	1,126	2,220	-703
2,000-2,999.....	2,529	1,124	1,840	2,964	-435
3,000-3,999.....	3,639	2,242	2,004	4,246	-607
4,000-4,999.....	4,288	1,925	2,206	4,131	157
5,000-7,499.....	5,932	3,010	2,259	5,269	663
7,500-9,999.....	8,546	5,248	2,445	7,693	853
10,000 and over.....	20,841	12,372	3,695	16,067	4,773
Average.....	5,800	3,300	2,060	5,360	440
North Central:					
0-499.....	255	585	770	1,355	-1,100
500-999.....	792	516	792	1,308	-516
1,000-1,499.....	1,270	793	1,054	1,847	-577
2,000-2,999.....	1,762	938	1,125	2,063	-301
3,000-3,999.....	2,500	1,305	1,324	2,629	-129
4,000-4,999.....	3,445	1,659	1,558	3,217	228
5,000-7,499.....	4,382	2,188	1,883	4,071	311
7,500-9,999.....	6,074	2,923	2,097	5,020	1,054
10,000-19,999.....	8,598	4,067	2,562	6,629	1,969
20,000-19,999.....	12,962	7,417	2,807	10,224	2,738
20,000 and over.....	31,049	23,514	3,924	27,438	3,611
Average.....	5,217	2,877	1,762	4,639	578
South:					
0-499.....	305	251	577	828	-524
500-999.....	748	312	714	1,026	-278
1,000-1,499.....	1,258	494	875	1,369	-111
1,500-1,999.....	1,715	666	1,094	1,760	-46
2,000-2,999.....	2,363	898	1,342	2,240	122
3,000-3,999.....	3,432	1,374	1,643	3,017	415
4,000-4,999.....	4,361	1,933	1,775	3,708	654
5,000-7,499.....	5,731	2,583	2,244	4,827	904
7,500 and over.....	17,191	9,712	3,844	13,556	3,635
Average.....	2,660	1,249	1,233	2,482	177
West:					
0-1,499.....	778	1,003	1,603	2,606	-1,829
1,500-1,999.....	1,680	1,180	1,568	2,758	-1,078
2,000-2,999.....	2,409	1,186	2,254	3,440	-1,031
3,000-3,999.....	3,444	1,498	2,219	3,717	-273
4,000-4,999.....	4,368	2,071	2,411	4,482	-114
5,000-7,499.....	5,954	2,860	2,828	5,688	266
7,500-9,999.....	8,408	4,117	2,660	6,777	1,630
10,000-19,999.....	13,364	6,965	3,691	10,656	2,707
20,000 and over.....	41,240	24,636	6,744	31,380	9,860
Average.....	8,769	4,812	2,913	7,725	1,044

Bureau of Agricultural Economics. From the January 1947 survey of agriculture. Results are unadjusted averages from sample interviews conducted by the Bureau. They are subject to sampling errors and to the biases characteristic of income surveys, which are particularly marked in the upper income groups.

TABLE 691.—*Farm-operator family level-of-living indexes: Averages, by States, 1940 and 1945*<sup>1</sup>

State and division	Average index value		Change, 1940 to 1945		State and division	Average index value		Change, 1940 to 1945	
	1940	1945	Index points	Percentage of 1940 index value		1940	1945	Index points	Percentage of 1940 index value
				<i>Percent</i>					<i>Percent</i>
Maine.....	98	116	18	18	South Carolina.....	41	55	14	34
New Hampshire.....	115	137	22	19	Georgia.....	37	52	15	41
Vermont.....	106	125	19	18	Florida.....	54	75	21	39
Massachusetts.....	127	152	25	20	South Atlantic.....	49	65	16	33
Rhode Island.....	138	158	20	14	Kentucky.....	49	61	12	24
Connecticut.....	138	170	32	23	Tennessee.....	36	50	14	39
New England.....	115	137	22	19	Alabama.....	25	38	13	52
New York.....	120	145	25	21	Mississippi.....	22	32	10	45
New Jersey.....	140	176	36	26	East South Central.....	35	48	13	37
Pennsylvania.....	102	122	20	20	Arkansas.....	25	37	12	48
Middle Atlantic.....	114	139	25	23	Louisiana.....	34	51	17	50
Ohio.....	113	134	21	19	Oklahoma.....	62	79	17	27
Indiana.....	111	134	23	21	Texas.....	79	101	22	28
Illinois.....	113	139	26	23	West South Central.....	62	81	19	31
Michigan.....	99	117	18	18	Montana.....	83	107	24	29
Wisconsin.....	107	131	24	22	Idaho.....	99	128	29	29
East North Central.....	109	131	22	20	Wyoming.....	102	124	22	22
Minnesota.....	107	130	23	21	Colorado.....	96	122	26	27
Iowa.....	133	162	29	22	New Mexico.....	(2)	70	(2)	(2)
Missouri.....	78	93	15	19	Arizona.....	(2)	115	(2)	(2)
North Dakota.....	84	111	27	32	Utah.....	2 89	104	2 15	2 17
South Dakota.....	87	107	20	23	Nevada.....	105	129	24	23
Nebraska.....	105	132	27	26	Mountain.....	91	113	22	24
Kansas.....	101	135	34	34	Washington.....	113	145	32	28
West North Central.....	100	125	25	25	Oregon.....	112	136	24	21
Delaware.....	100	136	36	36	California.....	132	161	29	22
Maryland.....	91	121	30	33	Pacific.....	121	150	29	24
Virginia.....	58	72	14	24	United States.....	80	100	20	25
West Virginia.....	54	65	11	20					
North Carolina.....	46	60	14	30					

<sup>1</sup> Indexes based on data from the 1940 and the 1945 Census of Agriculture. The index value shown for a State or a division is the unweighted average of the index values for all counties of that State or division.

The items on which the indexes of farm operator level-of-living are based include: (1) The percentage of farms with electricity in the farm dwelling; (2) the percentage of farms with telephone in farm dwelling; (3) the percentage of farms with automobiles; and (4) the average value of products sold or traded in the preceding year per farm reporting (adjusted for changes in purchasing power). The indexes show only the average level-of-living for a county and do not throw any light on the differences among farm operator families within the county.

<sup>2</sup> Indexes for 1940 were not computed for 11 counties in Arizona, 9 in New Mexico, and 1 in Utah; hence State averages are not shown for Arizona and New Mexico. Comparable data could not be obtained for these 21 counties because of differences between the two censuses in obtaining information on Indians living in reservations in these counties. The 1945 indexes for these counties are based on returns that do not include Indians in reservations.

Bureau of Agricultural Economics. Further details can be found in the processed report: *Farm Operator Family Level-of-Living Indexes for Counties of the United States, 1940 and 1945*.

TABLE 692.—*Production expenses of farm operators, United States, 1929-49*

Year	Feed bought	Live-stock bought, excluding work stock	Fertilizer and lime	Operation of motor vehicles <sup>1</sup>	Maintenance or depreciation of buildings, machinery and equipment <sup>2</sup>	Wages of hired farm labor <sup>3</sup>	Farm property taxes levied <sup>4</sup>	Farm mortgage interest <sup>5</sup>	Net rent to non-farm landlords <sup>6</sup>	Other expenses <sup>7</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	919	461	293	509	1,273	1,284	641	582	672	1,146	7,780
1930.....	791	312	288	496	1,231	1,134	638	572	522	1,075	7,059
1931.....	448	220	202	420	1,047	847	581	559	320	990	5,634
1932.....	348	164	125	384	890	584	504	534	227	814	4,574
1933.....	422	168	128	374	805	612	434	472	315	744	4,374
1934.....	542	152	158	406	830	601	420	430	409	779	4,727
1935.....	528	269	177	435	870	740	431	396	491	774	5,111
1936.....	755	228	196	456	936	880	436	364	532	798	5,581
1937.....	805	282	248	512	1,039	1,039	448	341	510	902	6,128
1938.....	557	310	226	520	1,048	1,000	444	320	458	861	5,744
1939.....	732	404	240	545	1,088	982	452	305	502	838	6,088
1940.....	998	476	261	584	1,088	1,023	446	293	430	885	6,484
1941.....	1,089	585	292	645	1,223	1,243	457	284	676	974	7,469
1942.....	1,625	799	352	812	1,406	1,633	461	272	943	1,162	9,465
1943.....	2,135	779	423	932	1,569	2,019	472	246	1,048	1,269	10,882
1944.....	2,427	677	476	1,068	1,706	2,197	495	230	1,057	1,307	11,640
1945.....	2,704	870	510	1,115	1,932	2,312	554	220	1,073	1,339	12,629
1946.....	2,964	1,063	620	1,293	2,100	2,550	617	216	1,303	1,512	14,238
1947.....	3,692	1,268	685	1,546	2,630	2,837	705	222	1,474	1,790	16,849
1948.....	3,865	1,473	717	1,783	3,211	3,062	765	229	1,443	1,997	18,545
1949 <sup>8</sup> .....	3,080	1,363	784	1,980	3,707	2,940	823	242	1,055	2,064	18,038

<sup>1</sup> Includes expenditures for gasoline, oil, tires, and labor for repairing tractors; and gasoline, oil, tires, replacement parts, labor for repairs, registration fees, and insurance for automobiles and trucks. Only 40 percent of the total operating costs of automobiles is included as a production expense for 1929-41 and 1946-49; 50 percent for 1942-45.

<sup>2</sup> Estimated total amount that would need to be spent annually by farmers for labor and materials in order to maintain the condition of buildings, machinery, and equipment on farms at the beginning of the year in a constant state of repair.

<sup>3</sup> Cash wages and the value of perquisites supplied to hired farm laborers.

<sup>4</sup> Includes taxes levied against farm real estate and farm personal property.

<sup>5</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>6</sup> Gross rent paid to nonfarm landlords, including Government payments, minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.

<sup>7</sup> Horses and mules, insecticides, containers, twine, ginning, seeds and nursery stock, miscellaneous expenditures for operation of greenhouses and nurseries, electricity for production; gasoline, oil, and repairs for operating stationary gasoline and steam engines; grazing fees, irrigation charges; fire, windstorm, hail, and crop insurance; veterinary services and medicines, miscellaneous dairy supplies, blacksmithing and miscellaneous hardware supplies, short-term interest, and tolls for boiling down sugarcane sirup and sorgo sirup.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 693.—*Labor required on farms: Requirements in terms of man-hours for all farm work, by enterprises, United States, selected periods and years, 1910-49*<sup>1</sup>

Enterprise	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1941	1942	1943	1944	1945	1946	1947	1948 <sup>2</sup>	1949 <sup>2</sup>
	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours
Milk cows.....	2,658	2,821	2,965	3,107	3,521	3,483	3,487	3,193	3,474	3,515	3,517	3,479	3,446	3,315	3,212	3,040	2,953
Other cattle.....	684	683	581	543	602	749	721	689	743	757	757	774	760	742	756	730	758
Hogs.....	438	495	529	611	498	436	608	557	531	632	750	599	559	556	546	546	577
Sheep and wool.....	191	175	168	216	248	242	250	182	263	265	247	222	210	196	173	171	162
Poultry <sup>3</sup> .....	786	810	872	992	988	943	1,127	1,162	1,013	1,114	1,252	1,257	1,260	1,199	1,136	1,106	1,107
All productive livestock <sup>4</sup> .....	4,836	5,123	5,244	5,498	5,986	5,829	6,322	5,972	6,099	6,398	6,652	6,460	6,364	6,137	5,952	5,722	5,686
Horses and mules.....	1,859	1,972	1,906	1,651	1,349	1,091	919	701	944	919	897	862	820	766	699	640	579
All livestock.....	6,695	7,095	7,150	7,149	7,335	6,920	7,241	6,673	7,043	7,317	7,549	7,322	7,184	6,903	6,651	6,362	6,265
Corn.....	3,539	3,498	3,296	2,909	2,910	2,594	2,331	2,038	2,323	2,326	2,329	2,283	2,121	2,106	1,932	2,040	1,991
Feed grain other than corn.....	762	800	727	694	584	537	588	491	600	622	567	568	537	523	450	496	449
Hay.....	878	1,039	1,046	937	836	907	1,045	949	1,041	1,093	1,029	1,006	1,051	953	931	919	892
Cotton.....	3,937	3,421	3,247	4,086	3,367	2,749	2,269	2,144	2,177	2,388	2,183	2,142	1,730	1,705	2,113	2,523	2,648
Tobacco.....	457	579	597	649	631	683	655	878	556	622	631	834	864	980	933	787	824
Wheat.....	767	805	736	611	510	503	402	426	432	377	359	418	425	410	444	427	426
Food grains other than wheat.....	138	202	188	116	89	98	87	72	89	96	88	78	77	70	73	72	68
Sugar crops.....	197	234	215	161	199	205	179	173	180	206	167	161	181	189	188	155	153
Truck crops.....	632	653	763	906	919	1,010	1,151	1,217	1,127	1,162	1,136	1,191	1,190	1,288	1,185	1,207	1,215
Vegetables except truck.....	389	405	388	355	388	353	339	295	327	325	302	330	315	329	280	283	267
Fruits and nuts.....	800	744	748	772	759	753	751	771	771	764	718	764	743	804	785	758	766
Oil crops.....	77	107	112	134	152	192	324	333	243	383	409	339	344	330	354	346	292
Other crops.....	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217
All crops.....	12,790	12,704	12,280	12,637	11,561	10,801	10,338	10,004	10,083	10,581	10,225	10,331	9,795	9,904	9,885	10,230	10,208
Farm maintenance <sup>5</sup> .....	3,439	3,494	3,429	3,492	3,335	3,118	3,102	2,943	3,023	3,159	3,136	3,115	2,997	2,962	2,918	2,928	2,907
All farm work.....	22,924	23,293	22,859	23,278	22,231	20,839	20,681	19,620	20,149	21,057	20,910	20,768	19,976	19,769	19,454	19,520	19,380

<sup>1</sup> Man-hours are in terms of the time required by average adult males to perform various farm tasks. Since many women, children, and older workers accomplish less in an hour than an average adult male, actual hours of work on many enterprises are in excess of those shown.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes labor required for chickens raised, hens and pullets for egg production, broilers, and turkeys.

<sup>4</sup> Includes, in addition to the livestock listed above, the labor required for minor livestock enterprises, such as goats, bees, ducks, and geese.

<sup>5</sup> Includes labor required for fencing, repairs to buildings, machinery and equipment, farm woods, pastures, general land maintenance, farm business, and other miscellaneous work.

Bureau of Agricultural Economics.

TABLE 694.—*Materials used in the manufacture of mixed fertilizers, continental United States, 1941, 1944, and 1947<sup>1</sup>*

Material	1941	1944	1947	Material	1941	1944	1947
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
<b>Chemical nitrogenous:</b>				<b>Phosphatic—Continued</b>			
Ammonia and solutions.....	176	316	629	Superphosphate, double.....	95	58	147
Calcium cyanamide.....	33	8	29	Wet-mixed base goods.....	130	52	38
Nitrate of soda.....	69	12	56	Other <sup>4</sup> .....		28	2
Sulfate of ammonia.....	354	595	637	<b>Potassic:</b>			
Ammonium nitrate.....	0	100	112	Manure salts.....	90	173	112
Other <sup>2</sup> .....	40	18	49	Muriate of potash.....	522	795	1,103
<b>Organic ammoniates:</b>				Nitrate of soda-potash and potassium nitrate.....	9	1	<sup>5</sup> 1
Animal manures, dried.....	10	20	11	Sulfate of potash.....	54	112	72
Castor pomace.....	77	85	49	Sulfate of potash-magnesia.....	5		93
Cocoa byproducts.....	30	12	20	Tobacco stems.....	90	103	90
Cotton-seed meal.....	13	37	80	Other <sup>6</sup> .....	7	20	11
Fish scrap.....	41	2	9	<b>Fillers and miscellaneous:</b>			
Guano.....	14	5	2	Dolomite and limestone.....	350	450	656
Sewage sludge, activated.....	114	90	0	Land plaster.....	70	80	120
Sewage sludge, other.....	30	25	43	Other secondary nutrient materials <sup>7</sup> .....	2	16	91
Tankage, animal.....	20	15	10	Manganese sulfate.....	8	<sup>8</sup> 12	13
Tankage, garbage.....	14	15	26	Minor element, other.....	4	12	25
Tankage, process.....	89	105	90	Peanut-hull meal.....	50	30	60
Tung meal.....	3	3	4	Peat.....	30	40	50
Other <sup>3</sup> .....	14	7	19	Other conditioners <sup>8</sup> .....			90
<b>Phosphatic:</b>				Sand, etc.....	603	679	938
Ammonium phosphate.....	22	29	81	<b>Total.....</b>	<b>5,817</b>	<b>8,513</b>	<b><sup>9</sup>11,581</b>
Basic slag.....	5	0	0				
Bone meal.....	10	1	8				
Rock phosphate.....	31	21	42				
Superphosphate.....	2,487	4,336	5,913				

<sup>1</sup> The tonnages are on the basis of materials as used. The 1941 and 1944 data were obtained directly from manufacturers or estimated. The 1947 data are based on the Census of Manufactures, supplemented with additional information obtained directly from producers. The census returns for superphosphates were given in terms of 18 and 45 percent  $P_2O_5$ . In this table the normal superphosphate is converted into equivalent tons of 19.2 percent superphosphate and the double into 47.0 percent, which are the average values of the material actually used.

<sup>2</sup> Calcium nitrate, Cal-Nitro, urea, and similar materials.

<sup>3</sup> Dried blood, hoof and horn meal, other seed meals, king crab meal, lobster scrap, wool waste, and many other natural organics.

<sup>4</sup> Spent bone black, high-grade residue, precipitated phosphate, phosphoric acid, etc.

<sup>5</sup> Revised.

<sup>6</sup> Cement-kiln dust, cotton-hull ashes, wood ashes, molasses distillery ash, and potassium carbonate.

<sup>7</sup> Magnesium oxide, magnesium sulfate, magnesium carbonate, sulfur, etc.

<sup>8</sup> Furfural waste, rice hulls, and similar materials.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 695.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1946-48

Item	Quantity			Value		
	1946	1947	1948	1946	1947	1948
<b>Agricultural lime and liming materials sold by producers:</b>						
Lime from limestone:						
Quicklime.....	1 113, 486	1 106, 364	1 103, 039	1 899, 677	1 913, 992	1 932, 871
Hydrated.....	1 271, 172	1 233, 999	1 226, 261	1 2, 251, 936	1 2, 243, 846	1 2, 363, 200
Oystershells, crushed for fertilizer lime.....	45, 590	46, 447	48, 505	177, 048	189, 164	333, 787
Limestone pulverized.....	22, 781, 750	22, 605, 500	20, 941, 530	32, 482, 907	35, 075, 883	32, 034, 698
Calcareous marl.....	213, 448	176, 187	114, 759	248, 530	235, 190	145, 712
<b>Total.....</b>	<b>23, 425, 446</b>	<b>23, 168, 497</b>	<b>21, 428, 094</b>	<b>36, 060, 098</b>	<b>38, 658, 075</b>	<b>35, 810, 268</b>
<b>Phosphate rock sold or used by producers:</b>						
Florida:						
Hard rock.....	100, 881	79, 330	48, 198	762, 127	618, 330	368, 586
Soft rock.....	97, 067	88, 620	69, 335	387, 708	326, 064	293, 927
Land pebble.....	4, 807, 563	6, 314, 077	6, 421, 725	19, 867, 339	31, 975, 858	37, 070, 381
Tennessee <sup>1</sup> .....	1 1, 362, 600	1 1, 411, 884	1 307, 507	1 7, 014, 490	1 7, 779, 099	8, 231, 251
Other States.....	492, 602	1 1, 133, 119	822, 004	3, 012, 157	5 5, 939, 486	4 5, 537, 453
<b>Total.....</b>	<b>6, 860, 713</b>	<b>9 9, 027, 030</b>	<b>8, 668, 769</b>	<b>31, 043, 821</b>	<b>46, 638, 837</b>	<b>50, 501, 598</b>
Sold for direct application to soil <sup>2</sup>	528, 097	764, 125	791, 827			

<sup>1</sup> Lime from oystershells included with lime from limestone.<sup>2</sup> Figures supplied by Fish and Wildlife Service, Department of Interior.<sup>3</sup> Includes sintered matrix.<sup>4</sup> Includes small quantity from Virginia.<sup>5</sup> Revised.<sup>6</sup> Included in total phosphate rock.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of Mines.

Figures for earlier years appear in previous issues of Agricultural Statistics and the Yearbook.

TABLE 696.—Fertilizer: Consumption on farms, by States, 1947-49<sup>1</sup>

State and division	1947	1948	1949 <sup>2</sup>	State and division	1947	1948	1949 <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Maine.....	285	264	228	Virginia.....	669	638	686
New Hampshire.....	22	30	26	West Virginia.....	99	89	102
Vermont.....	43	54	57	North Carolina.....	1, 653	1, 555	1, 538
Massachusetts.....	84	86	87	South Carolina.....	944	884	963
Rhode Island.....	18	19	21	Georgia.....	1, 097	1, 183	1, 235
Connecticut.....	78	83	93	Florida.....	872	748	984
New York.....	574	580	575	South Atlantic.....	5, 647	5, 387	5, 812
New Jersey.....	243	255	260	Kentucky.....	506	595	529
Pennsylvania.....	521	485	606	Tennessee.....	380	466	481
North Atlantic.....	1, 868	1, 856	1, 953	Alabama.....	713	966	1, 046
Ohio.....	775	891	892	Mississippi.....	532	586	579
Indiana.....	804	810	741	Arkansas.....	179	253	335
Illinois.....	366	439	397	Louisiana.....	229	235	241
Michigan.....	393	417	441	Oklahoma.....	84	121	126
Wisconsin.....	357	415	329	Texas.....	414	467	502
Minnesota.....	140	215	251	South Central.....	3, 037	3, 689	3, 839
Iowa.....	232	313	351	Washington.....	105	100	80
Missouri.....	268	423	455	Oregon.....	91	87	75
Kansas.....	117	117	127	California.....	598	549	513
Other States.....	58	80	64	Other States.....	183	209	214
North Central.....	3, 510	4, 120	4, 048	Western.....	977	945	882
Delaware.....	55	55	57	United States.....	15, 039	15, 997	16, 534
Maryland.....	266	233	245				
District of Columbia.....	2	2	2				

<sup>1</sup> Includes Government distribution, but not secondary and minor element fertilizers or liming materials. <sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from reports of National Fertilizer Association. Data for 1935-46 in previous issues of Agricultural Statistics. For use of ground limestone, see table 687, in Agricultural Statistics, 1948.

TABLE 697.—*Plant food: Quantities of commercial fertilizers consumed and their average plant food content, United States, 1929-49*<sup>1</sup>

Year	Mixed fertilizers				All fertilizers			
	Quantity	Nitrogen	Phosphoric oxide	Potash	Quantity	Nitrogen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1929.....	5,508	3.00	9.90	4.70	8,208	4.29	9.43	4.12
1930.....	5,616	3.10	9.80	5.00	8,425	4.47	9.41	4.20
1931.....	4,405	3.20	9.70	5.10	6,541	4.60	9.34	4.20
1932.....	3,200	3.30	9.60	5.20	4,545	4.66	9.08	4.22
1933.....	3,664	3.40	9.40	5.30	5,110	4.70	9.07	4.35
1934.....	4,096	3.55	9.18	5.37	5,794	4.75	9.14	4.53
1935.....	4,482	3.49	9.32	5.51	6,534	4.77	9.14	4.69
1936.....	5,047	3.61	9.29	5.69	7,222	4.85	9.32	4.85
1937.....	5,852	3.68	9.34	5.84	8,433	4.88	9.41	4.93
1938.....	5,326	3.72	9.41	6.09	7,758	4.95	9.59	5.07
1939.....	5,474	3.74	9.43	6.18	7,993	4.98	9.88	5.12
1940.....	5,513	3.76	9.64	6.50	8,656	4.85	10.57	5.04
1941.....	5,928	3.83	9.69	6.70	9,381	4.88	10.59	4.98
1942.....	6,837	3.68	9.69	6.95	10,131	3.93	11.16	5.40
1943.....	8,150	3.21	10.49	7.17	11,754	4.30	10.58	5.47
1944.....	8,713	3.87	10.32	6.93	13,330	4.76	10.56	4.87
1945.....	9,254	3.96	10.27	7.51	13,988	4.56	10.12	5.37
1946.....	11,158	3.88	10.45	7.17	16,087	4.70	10.39	5.30
1947.....	11,908	4.00	10.56	7.02	17,397	4.80	10.20	5.05
1948.....	12,266	4.02	10.78	7.34	17,596	4.78	10.47	5.44
1949 <sup>2</sup> .....	12,500	3.99	10.78	7.78	18,000	4.90	10.50	5.80

<sup>1</sup> Including Hawaii and Puerto Rico, also fertilizers distributed by Government agencies.<sup>2</sup> Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 698.—*Plant food: Sources in commercially mixed fertilizers, United States, selected years, 1929-49*

Year	Nitrogen				Phosphoric oxide			Potash		
	Ammonia and its salts	Nitrates	Natural organics	Organic chemicals	Normal superphosphate	Concentrated phosphates <sup>1</sup>	All other	High-grade salts <sup>2</sup>	Manure salts <sup>3</sup>	All other
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929.....	48.2	19.0	22.2	10.6	87.4	5.1	7.5	54.3	38.5	7.2
1935.....	53.0	18.3	21.9	6.8	86.6	7.5	5.9	77.5	6.1	16.4
1939.....	58.2	15.6	15.3	10.9	85.4	10.0	4.6	90.8	3.3	5.9
1941.....	59.0	11.5	15.8	13.7	87.5	9.1	3.4	91.5	6.0	2.5
1942.....	65.9	11.7	14.1	8.3	87.8	9.0	3.2	91.5	6.1	2.4
1943.....	67.4	17.5	9.6	5.5	93.0	5.0	2.0	91.0	7.0	2.0
1944.....	72.0	13.1	8.3	6.6	93.6	4.0	2.4	88.1	9.4	2.5
1945.....	72.1	13.4	7.6	6.9	92.8	5.8	1.4	90.4	4.6	5.0
1946.....	72.8	15.1	5.4	6.7	93.0	5.7	1.3	90.3	4.5	5.2
1947.....	71.6	17.8	4.7	5.9	92.2	6.9	1.0	92.4	6.4	1.3
1948.....	71.8	18.0	4.5	5.7	91.5	7.5	1.0	89.7	6.0	4.3
1949 <sup>4</sup> .....	79.5	12.0	5.5	3.0	85.5	12.5	2.0	92.1	3.5	4.4

<sup>1</sup> Concentrated superphosphate and ammonium phosphates.<sup>2</sup> Muriate and sulfate.<sup>3</sup> From 1929 to 1935 inclusive, most of it was 20 percent manure salts; and since then it has averaged about 25 percent K<sub>2</sub>O. Sulfate of potash-magnesia is included under "All other."<sup>4</sup> Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional statistics will be found in Circular No. 756, Consumption and Trends in the Use of Fertilizer in the Year Ended June 30, 1944.

TABLE 699.—*Plant food: Quantities<sup>1</sup> of commercial fertilizers consumed and their plant food content,<sup>2</sup> by States and territories, average 1935-39, and years beginning July 1, 1947 and 1948*

State or territory and period	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash	State or territory and period	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash
<b>Maine:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<b>South Dakota:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1935-39.....	135,221	7,663	14,113	16,494	1935-39.....	160	1	67	1
1947.....	257,291	15,001	26,871	29,470	1947.....	10,787	365	1,850	102
1948.....	229,655	13,290	24,038	27,453	1948.....	9,616	361	1,652	69
<b>New Hampshire:</b>					<b>Nebraska:</b>				
1935-39.....	14,789	747	1,910	975	1935-39.....	1,377	20	519	7
1947.....	32,758	1,032	5,224	1,339	1947.....	25,144	4,237	2,679	73
1948.....	26,046	761	3,671	1,906	1948.....	37,663	6,457	4,348	183
<b>Vermont:</b>					<b>Kansas:</b>				
1935-39.....	21,500	610	4,105	1,004	1935-39.....	12,402	145	2,840	175
1947.....	56,853	958	10,434	2,217	1947.....	98,157	4,324	18,177	1,303
1948.....	65,273	1,070	11,249	3,890	1948.....	113,233	4,281	20,799	2,206
<b>Massachusetts:</b>					<b>Delaware:</b>				
1935-39.....	67,379	3,761	5,974	4,023	1935-39.....	38,609	1,062	3,704	2,908
1947.....	85,812	4,492	8,227	5,980	1947.....	54,083	1,915	6,438	4,056
1948.....	91,685	4,460	10,314	6,572	1948.....	57,046	1,960	6,520	4,577
<b>Rhode Island:</b>					<b>Maryland:</b>				
1935-39.....	10,881	588	1,073	730	1935-39.....	170,075	4,855	17,039	11,019
1947.....	19,083	883	2,063	1,459	1947.....	243,549	9,045	29,061	16,324
1948.....	19,483	932	2,040	1,591	1948.....	246,382	8,884	29,054	17,134
<b>Connecticut:</b>					<b>Dist. of Columbia:</b>				
1935-39.....	57,493	3,097	4,772	3,628	1935-39.....	1,400	76	180	63
1947.....	83,353	4,485	6,448	5,382	1947.....	1,768	97	158	85
1948.....	89,113	4,584	7,290	5,866	1948.....	2,034	105	193	89
<b>New York:</b>					<b>Virginia:</b>				
1935-39.....	321,442	12,141	39,949	14,667	1935-39.....	413,486	15,206	41,965	15,582
1947.....	578,978	23,089	78,691	30,429	1947.....	697,558	25,950	83,078	36,279
1948.....	587,216	23,975	75,251	34,015	1948.....	709,238	27,498	81,530	41,079
<b>New Jersey:</b>					<b>West Virginia:</b>				
1935-39.....	168,399	7,556	15,392	12,241	1935-39.....	60,551	1,345	9,783	2,133
1947.....	253,518	12,708	26,814	20,523	1947.....	99,510	2,307	15,749	3,585
1948.....	275,995	13,724	29,329	24,030	1948.....	101,776	2,510	15,691	3,860
<b>Pennsylvania:</b>					<b>North Carolina:</b>				
1935-39.....	341,153	8,055	42,427	16,749	1935-39.....	1,082,874	47,373	84,210	46,730
1947.....	565,230	17,988	73,342	34,266	1947.....	1,642,283	79,190	146,902	92,423
1948.....	585,580	19,539	77,946	37,902	1948.....	1,815,256	93,182	158,699	109,154
<b>Ohio:</b>					<b>South Carolina:</b>				
1935-39.....	335,316	7,471	45,428	17,512	1935-39.....	669,113	34,557	47,960	28,654
1947.....	855,456	22,494	108,079	61,958	1947.....	900,709	57,354	80,338	49,922
1948.....	930,973	24,798	117,579	74,563	1948.....	995,730	58,483	85,329	58,793
<b>Indiana:</b>					<b>Georgia:</b>				
1935-39.....	217,020	4,383	29,603	17,844	1935-39.....	735,959	35,640	59,647	31,320
1947.....	802,845	19,648	100,082	63,775	1947.....	1,280,491	62,039	114,133	63,215
1948.....	826,882	20,581	99,812	78,588	1948.....	1,277,981	62,902	107,487	69,312
<b>Illinois:</b>					<b>Florida:</b>				
1935-39.....	43,835	1,059	4,340	2,659	1935-39.....	524,520	26,877	36,007	33,873
1947.....	1,007,156	13,781	73,362	39,416	1947.....	724,246	34,598	52,488	49,235
1948.....	972,625	16,592	73,289	50,177	1948.....	738,270	34,262	54,597	48,570
<b>Michigan:</b>					<b>Kentucky:</b>				
1935-39.....	131,799	3,083	17,250	8,989	1935-39.....	120,769	2,213	23,329	2,916
1947.....	411,446	10,820	55,632	31,231	1947.....	475,892	14,070	59,308	20,562
1948.....	465,939	12,158	62,756	39,360	1948.....	551,152	16,740	71,517	25,377
<b>Wisconsin:</b>					<b>Tennessee:</b>				
1935-39.....	38,523	1,052	5,000	3,436	1935-39.....	136,126	3,197	19,014	4,327
1947.....	425,416	13,359	58,026	38,435	1947.....	500,274	16,691	64,903	20,792
1948.....	398,266	12,208	50,376	45,554	1948.....	499,048	18,921	61,519	23,193
<b>Minnesota:</b>					<b>Alabama:</b>				
1935-39.....	12,059	289	1,827	1,271	1935-39.....	522,793	29,328	43,442	21,449
1947.....	226,009	5,641	39,761	12,950	1947.....	1,094,317	58,327	100,201	43,315
1948.....	251,597	6,411	52,418	18,678	1948.....	1,186,030	61,618	110,596	55,402
<b>Iowa:</b>					<b>Mississippi:</b>				
1935-39.....	9,039	142	1,405	600	1935-39.....	261,834	22,620	17,362	8,876
1947.....	309,131	11,431	44,883	13,563	1947.....	705,197	65,551	54,944	21,311
1948.....	368,164	16,671	53,340	18,120	1948.....	705,584	80,729	58,284	25,666
<b>Missouri:</b>					<b>Arkansas:</b>				
1935-39.....	74,832	1,269	11,756	1,772	1935-39.....	60,196	4,227	4,314	2,525
1947.....	325,078	10,952	43,040	15,205	1947.....	231,462	20,278	23,333	13,069
1948.....	388,757	13,845	49,135	21,692	1948.....	316,914	26,484	33,597	18,595
<b>North Dakota:</b>					<b>Louisiana:</b>				
1935-39.....	540	4	174	5	1935-39.....	135,280	11,768	9,929	4,132
1947.....	33,625	630	5,781	1,483	1947.....	261,603	23,477	25,083	8,813
1948.....	21,520	672	5,051	1,368	1948.....	249,835	22,726	23,752	10,271

See footnotes at end of table.

TABLE 699.—*Plant food: Quantities<sup>1</sup> of commercial fertilizers consumed and their plant food content,<sup>2</sup> by States and territories, average 1935-39, and years beginning July 1, 1947 and 1948—Continued*

State or territory and period	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash	State or territory and period	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash
Oklahoma:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	Washington:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1935-39.....	7,082	253	729	303	1935-39.....	25,119	1,457	2,607	1,444
1947.....	81,547	1,923	8,251	1,540	1947.....	82,577	6,404	8,839	3,864
1948.....	101,993	3,321	12,699	2,212	1948.....	80,343	6,578	9,168	3,264
Texas:					Oregon:				
1935-39.....	78,106	3,981	8,730	3,066	1935-39.....	16,581	1,077	1,823	895
1947.....	458,268	19,541	66,310	10,279	1947.....	86,577	7,036	10,454	2,744
1948.....	479,724	21,040	70,482	11,176	1948.....	75,263	7,236	10,410	2,912
Montana:					California:				
1935-39.....	4,154	58	1,669	42	1935-39.....	209,123	26,007	14,069	6,034
1947.....	12,543	583	3,563	74	1947.....	<sup>3</sup> 1,165,179	<sup>3</sup> 96,489	55,216	14,439
1948.....	9,284	380	2,737	38	1948.....	1,072,246	91,043	54,583	15,773
Idaho:					United States:				
1935-39.....	5,603	47	1,961	81	1935-39.....	7,310,426	337,338	703,926	353,280
1947.....	58,710	2,846	12,211	494	1947.....	<sup>3</sup> 17,470,214	<sup>3</sup> 816,618	1,832,318	888,654
1948.....	45,779	2,501	8,017	285	1948.....	18,200,887	877,599	1,920,834	1,042,532
Wyoming:					Alaska:				
1935-39.....	1,728	10	792	10	1935-39.....	167	8	30	10
1947.....	8,235	262	1,420	18	1947.....	591	45	66	69
1948.....	5,097	179	1,339	28	1948.....	90	6	12	8
Colorado:					Hawaii:				
1935-39.....	3,134	101	978	54	1935-39.....	126,730	17,610	7,644	8,871
1947.....	32,874	2,142	6,775	1,043	1947.....	99,128	15,041	5,890	10,663
1948.....	35,779	2,571	7,807	1,167	1948.....	106,418	16,418	7,122	10,785
New Mexico:					Puerto Rico:				
1935-39.....	2,401	72	752	7	1935-39.....	147,814	16,288	7,968	12,925
1947.....	12,466	884	2,218	34	1947.....	248,468	25,060	15,431	21,408
1948.....	14,148	1,189	3,442	105	1948.....	234,490	25,923	13,741	19,748
Arizona:					United States, including non- contiguous territories <sup>4</sup>				
1935-39.....	6,281	750	881	33	1935-39.....	7,585,137	371,244	719,568	375,086
1947.....	78,668	7,946	7,867	481	1947.....	<sup>3</sup> 17,818,401	<sup>3</sup> 856,764	1,853,705	920,794
1948.....	61,938	6,389	8,069	655	1948.....	18,541,885	919,946	1,941,709	1,073,073
Utah:									
1935-39.....	1,930	27	1,017	13					
1947.....	17,509	1,321	3,417	84					
1948.....	11,009	778	1,847	58					
Nevada:									
1935-39.....	440	18	109	9					
1947.....	993	34	194	15					
1948.....	727	20	186	4					

<sup>1</sup> Includes Government distribution, secondary and minor element fertilizers, but not liming materials.

<sup>2</sup> Calculated from the quantities of each grade and kind of fertilizer manufactured and the chemical composition of those fertilizers, as calculated from analysis bulletins of the respective State Fertilizer Control Authorities.

<sup>3</sup> Revised.

<sup>4</sup> Includes the territories of Alaska, Hawaii, and Puerto Rico. The consumption of commercial fertilizers in other noncontiguous territories is negligible.

Bureau of Plant Industry, Soils and Agricultural Engineering.

TABLE 700.—*Pesticide chemicals (insecticides and fungicides): Production and foreign trade, United States, 1939-49*

## PRODUCTION

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calcium arsenate.....	41,349	( <sup>1</sup> )	56,136	84,136	74,854	44,350	25,644	35,392	46,946	27,234	16,006
Lead arsenate.....	59,569	( <sup>1</sup> )	25,912	63,751	73,955	90,705	70,522	56,667	30,187	24,630	16,866
White arsenic, crude.....	44,686	49,974	64,973	57,392	62,404	72,198	48,698	20,422	39,510	38,734	25,590
Copper sulfate.....	134,032	( <sup>1</sup> )	170,978	210,400	178,200	205,200	251,000	255,800	178,200	193,400	158,000
D. D. T.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9,626	33,243	45,651	49,600	20,240	38,213
Benzene hexachloride.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8,197	18,382	26,736
2-4-D.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	917	5,466	8,866	27,309	27,957
Dithiocarbamic acid and salts (fungicides).....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3,991	8,100	( <sup>1</sup> )

## IMPORTS FOR CONSUMPTION

Pyrethrum flowers.....	13,569	12,591	11,020	9,452	6,779	10,658	18,270	20,475	8,082	3,633	10,160
Rotenone-bearing roots.....	5,906	6,565	7,998	3,799	3,570	6,327	8,849	11,359	13,409	4,732	7,716
White arsenic.....	29,348	19,858	20,583	32,700	32,225	19,930	26,298	27,644	27,880	18,672	9,393

## DOMESTIC IMPORTS

Calcium arsenate.....	6,731	4,879	5,897	3,941	6,384	2,411	3,500	6,877	5,017	4,569	4,047
Lead arsenate.....	1,712	2,900	9,594	592	3,054	4,265	6,336	2,795	3,104	2,038	860
Copper sulfate.....	29,239	55,480	69,022	70,164	60,734	57,843	69,937	82,691	68,042	84,269	63,434
D. D. T.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19,189
Nicotine sulfate (40 percent basis).....	501	497	596	393	609	317	404	171	256	390	1,222
Agricultural insecticides and fungicides (not elsewhere specified).....	11,424	9,741	12,083	5,929	5,470	7,424	7,062	23,773	33,991	56,041	60,578
White arsenic.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3,950	4,802	1,715	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not available.

Department of Commerce. Compiled from data supplied by the Bureau of the Census, the Tariff Commission, and the Bureau of Mines.

TABLE 701.—*Insecticides and fungicides: Average wholesale price per pound, at works, 1940-49*<sup>1</sup>

Year	Arsenic, white, powder <sup>2</sup>	Bor- deaux mixture <sup>3</sup>	Calcium arsenate <sup>4</sup>	Cube root, 5-per- cent rotenone	Lead arsenate, powder <sup>5</sup>	Nicotine sulfate, 40-percent blackleaf	Paris green	Pyrethrum 0.9-percent pyrethrins, fine ground <sup>1</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1940.....	3.2	11.0	6.5	23.5	9.2	67.0	24.0	29.4
1941.....	3.7	11.0	6.7	24.6	9.6	68.1	24.4	21.5
1942.....	4.0	11.0	7.4	39.2	11.4	79.4	25.0	26.0
1943.....	4.0	11.0	7.5	35.0	11.3	79.8	23.2	27.0
1944.....	4.0	11.0	7.5	37.5	11.2	79.8	22.7	29.5
1945.....	4.0	11.0	7.8	40.0	11.3	79.8	23.5	31.5
1946.....	4.4	11.0	7.8	42.6	12.9	80.6	24.5	33.8
1947.....	6.0	17.5	9.4	54.7	21.4	90.0	31.0	33.2
1948.....	6.3	18.0	9.9	36.9	24.5	97.3	31.0	26.1
1949.....	5.9	18.0	10.1	30.3	29.2	96.2	31.0	34.2

<sup>1</sup> Average of weekly quotations.<sup>2</sup> F.o.b. New York.<sup>3</sup> Prior to 1943 f.o.b. New York.<sup>4</sup> Prior to 1942 f.o.b. New York.<sup>5</sup> Prior to 1946 coarse-ground.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter, and records of the Bureau of Labor Statistics.



TABLE 702.—*Taxes levied on farm property and automotive taxes paid by farmers, United States, 1929-49*

Year	Property taxes levied		Automotive taxes paid		
	Farm real estate	Farm personal property <sup>1</sup>	Licenses and permits	Motor fuel taxes	
				State <sup>2</sup>	Federal <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	567,493	73,323	52,808	55,626	.....
1930.....	566,956	71,082	55,092	63,108	.....
1931.....	526,454	54,678	53,217	61,873	.....
1932.....	461,670	42,779	49,831	56,895	8,953
1933.....	399,168	34,377	44,713	56,687	22,827
1934.....	384,842	35,146	44,815	60,586	18,821
1935.....	393,878	36,758	46,948	65,745	20,604
1936.....	396,277	39,886	50,830	70,570	21,438
1937.....	406,967	41,203	56,181	74,959	23,199
1938.....	401,998	42,108	55,702	76,057	24,222
1939.....	408,565	42,949	56,472	77,771	26,105
1940.....	401,780	43,885	58,723	79,265	35,850
1941.....	406,413	50,283	62,906	81,761	45,382
1942.....	401,771	58,795	67,599	76,661	46,034
1943.....	403,008	69,475	86,893	72,843	46,556
1944.....	421,476	73,628	86,680	74,545	49,080
1945.....	471,181	83,000	89,824	86,599	55,217
1946.....	524,621	92,000	77,604	106,341	64,369
1947.....	600,161	105,000	90,838	125,921	74,178
1948.....	650,847	115,000	105,463	140,352	81,260
1949.....	699,209	124,000	113,500	155,600	85,400

<sup>1</sup> Also includes taxes levied against motor vehicles under general property tax laws.

<sup>2</sup> 1929-44, taxes on motor fuel used in automobiles and trucks only; thereafter, also includes taxes on gasoline used in farm tractors.

<sup>3</sup> Taxes on all motor fuel used in automobiles, trucks, and tractors. Federal taxation of motor fuel began in 1932.

<sup>4</sup> Also includes Federal motor vehicle use taxes.

<sup>5</sup> Preliminary.

<sup>6</sup> Revised.

Bureau of Agricultural Economics.

TABLE 703.—*Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of full value, United States, 1909-49*

Year	Taxes per acre		Taxes per \$100 of full value <sup>2</sup>	Year	Taxes per acre		Taxes per \$100 of full value <sup>2</sup>	Year	Taxes per acre		Taxes per \$100 of full value <sup>2</sup>
	Amount	Index <sup>1</sup> (1909-13 =100)			Amount	Index <sup>1</sup> (1909-13 =100)			Amount	Index <sup>1</sup> (1909-13 =100)	
	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
1909.....	0.19	90	0.48	1923.....	0.55	266 <sup>2</sup>	1.01	1937.....	0.39	186	1.19
1910.....	.19	91	.47	1924.....	.55	265	1.03	1938.....	.38	183	1.19
1911.....	.21	99	.50	1925.....	.56	270	1.07	1939.....	.39	186	1.23
1912.....	.21	103	.49	1926.....	.56	271	1.12	1940.....	.38	183	1.22
1913.....	.24	117	.55	1927.....	.57	277	1.15	1941.....	.38	182	1.18
1914.....	.24	118	.56	1928.....	.58	279	1.18	1942.....	.37	177	1.08
1915.....	.26	128	.57	1929.....	.58	281	1.19	1943.....	.36	175	.95
1916.....	.28	136	.57	1930.....	.57	277	1.30	1944.....	.37	181	.91
1917.....	.31	151	.58	1931.....	.53	254	1.44	1945.....	.41	199	.90
1918.....	.33	160	.57	1932.....	.46	220	1.54	1946.....	.46	222	.90
1919.....	.41	200	.59	1933.....	.39	188	1.28	1947.....	.53	254	.96
1920.....	.51	244	.79	1934.....	.37	178	1.19	1948.....	.57	275	1.00
1921.....	.64	259	.94	1935.....	.37	180	1.15	1949.....	.61	296	1.10
1922.....	.64	261	.96	1936.....	.38	181	1.16				

<sup>1</sup> Index numbers computed before rounding tax-per-acre data to nearest cent.

<sup>2</sup> Derived from tax-per-acre figures and value figures based on Census reports and this Bureau's farm real estate value indexes.

Bureau of Agricultural Economics. Tax-per-acre data from 1890 in Agricultural Statistics, 1941, table 712.

TABLE 704.—Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1943-49

State and division	Taxes per acre														Taxes per \$100 of full value <sup>1</sup>							
	Amount							Index (1909 - 13 = 100) <sup>1</sup>														
	1943	1944	1945	1946	1947	1948	1949	1943	1944	1945	1946	1947	1948	1949	1943	1944	1945	1946	1947	1948	1949	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars								Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
Maine.....	0.85	0.90	1.01	1.08	1.17	1.26	1.29	302	319	356	380	414	444	457	2.59	2.60	2.79	2.77	2.92	2.95	3.26	
New Hampshire.....	.78	.83	.88	.97	1.08	1.22	1.35	249	262	281	307	342	387	429	2.12	2.08	2.11	2.09	2.23	2.48	2.91	
Vermont.....	.55	.57	.59	.62	.70	.77	.83	265	278	283	299	337	372	402	1.71	1.66	1.55	1.41	1.54	1.57	1.78	
Massachusetts.....	2.57	2.59	2.71	3.02	3.46	3.78	4.01	318	321	335	374	429	468	496	2.14	2.03	2.00	2.18	2.34	2.47	2.76	
Rhode Island.....	1.71	1.73	1.76	1.76	1.85	1.83	2.03	376	380	386	386	406	402	446	1.31	1.29	1.19	1.08	1.08	1.03	1.18	
Connecticut.....	1.85	1.94	2.19	2.46	2.67	2.87	3.11	383	402	453	509	552	593	643	1.17	1.18	1.20	1.20	1.26	1.34	1.48	
New England.....	1.13	1.17	1.26	1.38	1.54	1.67	1.78	304	315	339	370	412	448	477	1.84	1.81	1.80	1.81	1.94	2.02	2.26	
New York.....	1.03	1.03	1.06	1.14	1.34	1.43	1.52	250	249	258	277	325	347	370	1.76	1.66	1.56	1.45	1.66	1.63	1.77	
New Jersey.....	2.14	2.15	2.23	2.39	2.59	2.81	2.97	297	299	310	332	360	391	412	1.42	1.33	1.27	1.21	1.29	1.34	1.42	
Pennsylvania.....	.99	1.01	1.05	1.05	1.14	1.24	1.33	202	207	216	215	234	255	272	1.58	1.50	1.50	1.34	1.36	1.38	1.55	
Middle Atlantic.....	1.07	1.08	1.12	1.17	1.32	1.42	1.52	232	233	242	253	286	308	328	1.64	1.56	1.50	1.38	1.49	1.49	1.65	
Ohio.....	.70	.72	.73	.79	.84	.90	.97	151	155	157	169	181	193	209	.87	.85	.74	.71	.71	.73	.82	
Indiana.....	.74	.73	.82	.88	1.11	1.15	1.15	143	139	158	169	212	220	220	.89	.82	.78	.77	.89	.90	.91	
Illinois.....	.97	1.01	1.06	1.36	1.48	1.75	1.86	244	254	266	342	371	440	468	.89	.87	.82	.93	.95	1.07	1.11	
Michigan.....	.47	.49	.54	.61	.64	.70	.77	109	114	124	140	148	163	178	.75	.75	.72	.70	.72	.77	.86	
Wisconsin.....	.78	.84	.96	1.09	1.26	1.39	1.49	229	246	280	319	370	408	436	1.35	1.38	1.45	1.46	1.57	1.66	1.86	
East North Central.....	.76	.79	.85	.99	1.12	1.24	1.32	178	184	198	231	260	290	307	.93	.92	.87	.90	.96	1.02	1.09	
Minnesota.....	.67	.72	.83	.90	1.09	1.15	1.24	287	311	355	388	470	496	535	1.25	1.30	1.34	1.31	1.44	1.46	1.52	
Iowa.....	.99	1.03	1.18	1.26	1.44	1.59	1.73	246	254	292	311	355	395	429	.99	.98	1.00	.96	.98	1.05	1.13	
Missouri.....	.32	.32	.33	.36	.42	.44	.46	232	233	241	261	308	321	338	.81	.74	.68	.67	.76	.75	.78	
North Dakota.....	.19	.19	.24	.19	.29	.31	.40	137	134	167	137	104	222	286	1.18	1.10	1.26	.91	1.20	1.16	1.54	
South Dakota.....	.19	.20	.23	.24	.29	.30	.34	151	159	183	191	232	238	265	1.15	1.13	1.18	1.09	1.11	1.06	1.22	
Nebraska.....	.30	.32	.36	.41	.51	.53	.55	187	201	228	255	320	331	345	.94	.90	.91	.92	.98	.92	1.02	
Kansas.....	.33	.32	.40	.45	.59	.61	.68	176	172	215	238	315	327	362	.92	.79	.91	.88	.99	.99	1.12	
West North Central.....	.40	.42	.48	.51	.63	.67	.73	203	210	242	258	316	336	368	1.00	.98	1.01	.96	1.05	1.06	1.16	

Delaware.....	.33	.33	.33	.33	.35	.35	.38	133	131	134	133	139	139	151	.46	.42	.37	.32	.34	.33	.37
Maryland.....	.77	.79	.82	.86	1.01	1.05	1.12	203	209	216	229	267	275	297	.96	.94	.86	.76	.88	.89	.98
Virginia.....	.26	.27	.27	.28	.33	.37	.40	240	246	247	255	297	336	363	.56	.51	.43	.40	.47	.49	.55
West Virginia.....	.16	.16	.16	.16	.17	.18	.20	138	136	136	142	148	154	173	.42	.41	.36	.32	.33	.32	.39
North Carolina.....	.38	.38	.40	.41	.44	.47	.49	482	486	503	517	554	594	616	.80	.71	.62	.55	.56	.57	.59
South Carolina.....	.25	.25	.24	.23	.25	.26	.29	193	190	182	179	190	202	221	.71	.63	.56	.48	.49	.47	.57
Georgia.....	.15	.16	.18	.24	.25	.28	.30	139	147	167	222	224	254	272	.59	.58	.59	.67	.67	.69	.79
Florida.....	.62	.56	.67	.87	.89	.96	1.05	482	521	622	804	819	891	971	1.47	1.47	1.59	1.88	2.06	2.26	2.43
South Atlantic.....	.30	.31	.34	.39	.41	.45	.48	249	259	280	320	340	370	397	.75	.71	.68	.68	.70	.72	.80
Kentucky.....	.35	.37	.38	.45	.53	.56	.61	235	248	252	299	351	375	404	.76	.72	.63	.63	.74	.72	.82
Tennessee.....	.40	.41	.43	.45	.47	.46	.49	288	294	307	321	336	329	354	.88	.84	.73	.67	.66	.61	.67
Alabama.....	.21	.22	.22	.22	.23	.24	.24	239	243	247	246	250	259	269	.80	.75	.65	.54	.53	.51	.56
Mississippi.....	.27	.27	.27	.28	.28	.32	.31	198	197	197	202	206	236	229	.91	.82	.69	.65	.59	.64	.63
East South Central.....	.31	.32	.32	.35	.37	.39	.41	239	245	250	268	285	300	320	.84	.79	.67	.63	.64	.63	.69
Arkansas.....	.32	.33	.32	.31	.31	.31	.36	216	223	221	216	212	213	250	.97	.87	.78	.64	.58	.52	.64
Louisiana.....	.34	.33	.34	.35	.35	.38	.39	225	220	226	233	235	252	261	.76	.70	.67	.59	.60	.57	.60
Oklahoma.....	.23	.23	.24	.25	.32	.34	.35	120	122	130	132	170	183	188	.81	.75	.66	.63	.74	.69	.73
Texas.....	.13	.14	.15	.15	.18	.17	.19	232	239	268	260	309	295	340	.57	.55	.54	.49	.52	.49	.56
West South Central.....	.18	.18	.19	.19	.22	.22	.25	185	189	204	201	235	235	261	.70	.64	.60	.54	.57	.54	.63
Montana.....	.09	.09	.10	.12	.14	.14	.15	140	139	162	178	214	219	237	1.08	1.02	1.00	1.04	1.10	1.09	1.21
Idaho.....	.42	.43	.52	.59	.66	.73	.78	176	182	223	249	282	309	330	1.14	1.09	1.21	1.31	1.39	1.56	1.75
Wyoming.....	.06	.06	.06	.07	.08	.09	.11	175	181	193	208	238	273	342	.92	.86	.75	.78	.79	.88	1.14
Colorado.....	.18	.18	.20	.21	.24	.25	.26	161	164	178	191	215	226	239	1.27	1.15	1.11	1.03	1.06	1.11	1.27
New Mexico.....	.04	.04	.05	.06	.06	.06	.07	210	209	216	264	270	282	305	.67	.61	.66	.71	.66	.62	.74
Arizona.....	.06	.06	.08	.08	.12	.14	.17	94	92	130	131	197	215	271	.88	.79	.97	.87	1.27	1.49	1.89
Utah.....	.28	.28	.35	.36	.48	.54	.64	185	187	233	235	315	333	361	1.16	1.10	1.31	1.26	1.56	1.63	1.82
Nevada.....	.15	.17	.17	.18	.19	.22	.23	233	262	270	279	307	355	371	1.27	1.46	1.33	1.33	1.31	1.51	1.66
Mountain.....	.11	.11	.13	.14	.17	.18	.20	137	139	161	174	208	222	245	1.05	.97	1.03	1.00	1.12	1.18	1.38
Washington.....	.32	.31	.43	.63	.60	.82	.85	114	111	151	222	214	291	302	.65	.58	.70	.92	.85	1.20	1.34
Oregon.....	.21	.24	.26	.36	.38	.46	.54	145	162	181	244	261	315	368	.65	.68	.67	.87	.90	1.11	1.40
California.....	.76	.87	.99	1.33	1.51	1.69	1.69	215	246	280	375	427	476	477	.86	.88	.88	1.06	1.25	1.52	1.67
Pacific.....	.50	.57	.66	.90	.99	1.15	1.18	174	195	228	310	342	396	406	.79	.80	.82	1.01	1.13	1.41	1.57
United States.....	.36	.37	.41	.46	.53	.57	.61	175	181	199	222	254	275	296	.95	.91	.90	.90	.96	1.00	1.10

Bureau of Agricultural Economics.

<sup>1</sup> Index numbers computed before rounding tax-per-acre data to nearest cent.  
<sup>2</sup> Derived from tax-per-acre figures and value figures based on Census reports  
and this Bureau's farm real estate value indexes.

TABLE 705.—*Motor-vehicle registrations, motor-fuel consumption, and road-user taxes (levied by the States), United States, 1929-49*

Year	Motor-vehicle registrations and fees				Motor-fuel consumption and taxes				Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Weighted average tax rate per gallon during year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year		
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total						
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars	
1929.....	23,094,420	3,408,088	26,502,508	1 347,697	3.22	14,139,301	431,636	(1)	
1930.....	23,013,252	3,518,747	26,531,999	1 355,580	3.35	14,753,911	494,683	(1)	
1931.....	22,372,282	3,489,756	25,862,038	1 344,313	3.48	15,456,662	537,589	(1)	
1932.....	20,875,833	3,256,776	24,132,609	1 325,104	3.60	14,339,151	514,139	(1)	
1933.....	20,631,202	3,245,505	23,876,707	1 301,314	3.65	14,348,152	519,403	(1)	
1934.....	21,523,608	3,430,396	24,954,004	1 307,260	3.66	15,414,896	566,642	9,494	
1935.....	22,553,878	3,675,865	26,229,743	322,974	3.80	16,344,697	619,677	12,427	
1936.....	24,170,854	4,001,466	28,172,318	359,783	3.85	18,099,138	691,420	15,137	
1937.....	25,456,939	4,249,477	29,706,415	399,613	3.91	19,455,454	761,998	16,216	
1938.....	25,232,228	4,210,477	29,442,705	388,825	3.96	19,611,643	771,764	16,421	
1939.....	26,208,385	4,406,702	30,615,087	412,494	3.96	20,714,352	821,656	18,055	
1940.....	27,445,038	4,590,386	32,035,424	439,178	3.96	22,001,356	870,136	17,913	
1941.....	29,612,901	4,859,244	34,472,145	490,666	3.99	24,192,397	957,312	20,576	
1942.....	27,970,839	4,608,086	32,578,925	448,968	3.99	19,939,887	844,855	21,896	
1943.....	26,019,432	4,480,176	30,499,608	425,022	4.05	16,004,250	659,125	24,702	
1944.....	25,672,849	4,513,340	30,086,189	419,479	4.06	16,429,668	680,950	26,141	
1945.....	25,803,687	4,834,742	30,638,429	440,341	4.10	19,148,968	783,691	27,248	
1946.....	28,220,125	5,725,692	33,945,817	520,780	4.16	25,648,998	1,064,681	30,638	
1947.....	30,847,835	6,512,628	37,360,463	611,650	4.25	23,215,705	1,206,305	34,447	
1948.....	33,394,884	7,227,380	40,622,264	717,794	4.35	30,460,641	1,350,028	37,389	
1949.....	36,427,674	7,692,569	44,120,243	795,450	4.52	32,431,016	1,474,608	38,189	

<sup>1</sup> Motor-carrier fees included with registration fees prior to 1934. Segregation not available.

Bureau of Public Roads, U.S. Dept. of Commerce.

TABLE 706.—Motor-vehicle registrations, motor-fuel consumption, and road-user tax revenue, by States, 1949

State	Motor-vehicle registrations and fees			Motor-fuel consumption and taxes			Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	State tax rate per gallon at end of year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total				
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars
Maine.....	191,092	58,121	249,213	5,966	6	203,409	12,380
New Hampshire.....	128,310	35,777	164,087	3,942	4	119,634	4,778
Vermont.....	99,303	14,441	113,744	3,855	5	89,336	4,322
Massachusetts.....	1,014,111	152,576	1,166,687	13,050	3	862,700	24,870
Rhode Island.....	203,224	31,210	234,434	4,298	4	150,333	6,052
Connecticut.....	570,978	88,190	659,168	10,171	4	450,909	18,452
New York.....	2,956,425	440,171	3,396,596	74,745	4	2,311,670	88,134
New Jersey.....	1,219,595	206,610	1,426,205	33,419	3	1,091,351	30,561
Pennsylvania.....	2,309,850	413,273	2,723,123	50,540	5	1,964,306	91,913
Ohio.....	2,248,837	313,306	2,562,143	46,977	4	1,876,323	73,452
Indiana.....	1,106,460	223,421	1,329,881	15,598	4	971,342	38,928
Illinois.....	2,078,698	317,695	2,396,393	37,781	3	1,821,820	53,189
Michigan.....	1,915,062	266,360	2,181,422	37,932	3	1,528,692	44,817
Wisconsin.....	900,087	210,736	1,110,823	20,128	4	769,006	30,576
Minnesota.....	875,358	182,203	1,057,561	18,032	5	695,990	31,499
Iowa.....	808,854	169,102	977,956	21,043	4	660,801	26,093
Missouri.....	948,489	237,458	1,185,947	19,754	2	956,438	18,275
North Dakota.....	179,656	77,804	257,460	4,914	4	135,394	5,292
South Dakota.....	202,648	66,653	269,301	3,100	4	171,978	6,575
Nebraska.....	421,285	117,195	538,480	6,218	6	357,517	20,622
Kansas.....	617,639	188,931	806,570	8,016	5	475,387	22,180
Delaware.....	76,500	18,592	95,092	1,763	5	82,340	3,655
Maryland.....	514,820	96,046	610,866	15,602	5	442,718	21,827
District of Columbia.....	158,758	18,703	177,461	3,679	4	182,326	7,098
Virginia.....	661,069	148,315	809,384	11,560	4	676,417	40,316
West Virginia.....	331,388	99,875	431,263	12,320	5	337,851	16,851
North Carolina.....	723,163	179,680	902,843	17,968	6	765,967	48,100
South Carolina.....	421,472	97,443	518,915	4,950	6	381,763	24,467
Georgia.....	608,183	175,263	783,446	4,998	7	629,271	41,833
Florida.....	693,812	161,692	855,504	20,661	7	634,597	49,102
Kentucky.....	529,578	154,014	683,592	12,424	7	496,206	34,231
Tennessee.....	584,490	153,875	738,365	11,881	7	578,143	41,410
Alabama.....	441,174	145,035	586,209	10,428	6	467,278	30,507
Mississippi.....	297,814	133,617	431,431	6,233	6	370,621	22,424
Arkansas.....	284,933	142,500	427,433	9,312	6.5	323,343	22,137
Louisiana.....	470,079	133,351	603,430	6,832	9	448,328	40,390
Oklahoma.....	559,366	183,435	742,801	15,187	6.5	503,228	31,894
Texas.....	1,997,197	539,281	2,536,478	56,960	4	2,065,031	77,200
Montana.....	165,832	74,635	240,467	2,794	6	163,536	8,825
Idaho.....	174,407	64,826	239,233	2,651	6	163,081	9,753
Wyoming.....	76,498	35,360	110,858	1,350	4	113,441	4,975
Colorado.....	387,252	115,181	502,433	4,730	6	333,450	19,572
New Mexico.....	147,911	52,428	200,339	3,983	7	183,890	10,952
Arizona.....	181,814	52,978	234,792	3,109	5	196,940	9,744
Utah.....	177,656	42,247	219,903	2,411	4	174,456	7,244
Nevada.....	52,189	14,635	66,824	637	4.5	64,129	2,757
Washington.....	685,420	152,980	838,400	17,841	6.5	581,163	35,392
Oregon.....	497,518	123,897	621,415	4,930	6	433,525	23,345
California.....	3,632,511	571,452	4,103,963	88,777	4.5	2,973,641	135,547
Total.....	36,427,674	7,692,569	44,120,243	795,450	4.52	32,431,016	1,474,508
							38,189

1 Weighted average rate.

Bureau of Public Roads, U. S. Department of Commerce.

TABLE 707.—*Interest rates on outstanding farm-mortgage loans, by geographic divisions, Jan. 1, 1929-50*<sup>1</sup>

Year	New Eng- land	Middle At- lantic	East North Central	West North Central	South At- lantic	East South Central	West South Central	Moun- tain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929.....	5.8	5.8	5.8	5.7	6.4	6.1	6.6	6.7	6.5	6.0
1930.....	5.8	5.8	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1931.....	5.8	5.9	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1932.....	5.8	5.9	5.8	5.6	6.3	6.1	6.5	6.7	6.5	6.0
1933.....	5.8	5.9	5.8	5.7	6.3	6.1	6.5	6.7	6.5	6.0
1934.....	5.7	5.7	5.6	5.5	5.9	5.7	6.2	6.3	6.2	5.8
1935.....	5.6	5.5	5.3	5.3	5.5	5.4	5.8	5.9	5.8	5.5
1936.....	5.3	5.3	4.9	4.9	5.1	5.0	5.2	5.4	5.4	5.1
1937.....	5.2	5.2	4.8	4.7	5.1	5.0	5.0	5.3	5.3	4.9
1938.....	5.0	5.1	4.6	4.5	4.9	4.9	4.8	5.0	5.1	4.7
1939.....	4.9	5.1	4.5	4.4	4.9	4.8	4.7	4.9	5.0	4.6
1940.....	4.9	4.9	4.5	4.3	4.9	4.8	4.5	4.8	4.9	4.6
1941.....	4.8	4.8	4.4	4.2	4.7	4.7	4.4	4.7	4.8	4.5
1942.....	4.8	4.8	4.3	4.2	4.7	4.7	4.4	4.6	4.8	4.4
1943.....	4.7	4.7	4.3	4.2	4.6	4.7	4.4	4.6	4.7	4.4
1944.....	4.7	4.7	4.3	4.1	4.6	4.6	4.3	4.5	4.7	4.4
1945.....	4.8	4.7	4.4	4.3	4.7	4.8	4.5	4.7	4.8	4.5
1946.....	4.9	4.8	4.4	4.3	5.0	5.0	4.6	4.9	4.9	4.6
1947.....	4.9	4.7	4.4	4.3	5.0	5.0	4.6	4.8	4.8	4.6
1948.....	4.9	4.7	4.4	4.3	5.1	5.0	4.6	4.8	4.7	4.6
1949.....	4.9	4.6	4.3	4.3	5.1	5.0	4.7	4.7	4.7	4.6
1950.....	4.9	4.7	4.4	4.3	5.2	5.1	4.8	4.8	4.8	4.6

<sup>1</sup> Contract rates, except for temporarily reduced rates on Federal land bank loans, 1934-44, and on Federal Farm Mortgage Corporation loans, 1938-45.

Bureau of Agricultural Economics.

TABLE 708.—*Interest charges payable on outstanding farm-mortgage loans, by geographic divisions, 1929-49*<sup>1</sup>

Year	New Eng- land	Middle At- lantic	East North Central	West North Central	South At- lantic	East South Central	West South Central	Moun- tain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	9,711	27,077	110,152	207,122	33,853	26,454	72,904	37,790	56,936	581,999
1930.....	10,086	26,868	107,039	198,084	31,974	25,961	72,072	38,691	58,983	569,756
1931.....	10,459	27,331	103,250	190,660	30,090	25,330	69,712	38,235	57,941	553,008
1932.....	10,765	27,201	98,282	180,603	27,611	23,955	65,986	36,056	55,301	525,760
1933.....	10,390	25,458	89,590	161,555	24,331	21,321	58,556	31,467	49,615	472,283
1934.....	9,889	23,553	83,498	146,291	23,299	20,270	52,933	27,309	43,378	430,420
1935.....	9,338	22,269	78,630	134,923	21,894	18,758	47,081	25,014	38,185	396,092
1936.....	8,765	21,113	73,470	121,544	20,912	18,391	42,162	22,677	35,440	364,474
1937.....	8,332	20,289	69,501	110,886	20,169	18,022	38,793	20,854	33,884	340,730
1938.....	7,890	19,485	66,050	102,235	19,733	18,100	35,627	19,020	31,954	320,094
1939.....	7,503	18,771	64,225	95,869	19,606	18,207	33,270	17,575	30,423	305,449
1940.....	7,181	17,909	62,260	90,648	18,199	18,236	31,754	16,769	29,135	293,091
1941.....	6,819	17,228	60,226	87,726	18,048	18,096	31,314	16,116	27,721	284,294
1942.....	6,425	16,543	57,139	84,369	18,471	17,396	30,308	15,038	26,158	271,847
1943.....	5,939	15,340	50,832	76,740	17,085	15,640	27,138	13,311	23,742	245,817
1944.....	5,650	14,359	46,845	71,152	16,359	14,728	25,659	12,644	22,769	230,165
1945.....	5,473	13,783	44,224	65,797	16,613	14,657	24,463	12,551	22,552	220,113
1946.....	5,379	14,023	42,419	60,044	18,424	15,525	24,466	12,972	23,085	216,337
1947.....	5,484	14,814	42,376	56,113	20,876	16,737	26,285	14,414	24,443	221,542
1948.....	5,671	15,452	43,260	53,674	22,986	17,897	28,008	16,232	26,104	229,284
1949.....	5,828	16,085	44,898	54,482	24,984	19,422	30,441	18,136	28,116	242,392

<sup>1</sup> Interest charges payable during calendar year. Excludes amounts paid by Secretary of the Treasury to Federal land banks, 1933-44, and Federal Farm Mortgage Corporation, 1937-45, as reimbursement for interest reductions granted borrowers.

Bureau of Agricultural Economics.

TABLE 709.—*Loan and bond rates and bond yields, selected series, United States, 1929-49*

Year	Federal land banks <sup>1</sup>			Federal Farm Mortgage Corporation <sup>1</sup>			Federal intermediate credit banks <sup>1</sup>		Prime commercial paper (4 6 months) <sup>9 10</sup>	Federal Reserve bank discount rates, New York <sup>9 11</sup>
	Loan rates <sup>2 3</sup>	Bond rates <sup>4</sup>	Bond yields <sup>4</sup>	Loan rates <sup>6</sup>	Bond rates <sup>4</sup>	Bond yields <sup>7</sup>	Discount rates <sup>2</sup>	Debtenture rates <sup>8</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929.....	5.32	4.53	4.62	-----	-----	-----	5.61	4.92	5.85	4.50-6.00
1930.....	5.63	4.53	4.68	-----	-----	-----	4.54	3.39	3.59	2.00-4.50
1931.....	5.03	4.52	5.13	-----	-----	-----	4.08	3.21	2.63	1.50-3.50
1932.....	5.61	4.53	5.32	-----	-----	-----	4.23	3.33	2.73	2.50-3.50
1933.....	5.30	4.45	5.18	-----	-----	-----	3.10	2.55	1.72	2.00-3.50
1934.....	5.00	4.24	4.17	5.00	2.99	3.11	2.29	1.83	1.02	1.50-2.00
1935.....	4.32	3.86	3.13	5.00	2.87	2.77	2.00	1.50	.76	1.50
1936.....	4.00	3.60	2.81	5.00	2.87	2.42	2.00	1.50	.75	1.50
1937.....	4.00	3.54	2.75	5.00	2.87	2.42	2.00	1.50	.95	1.00-1.50
1938.....	4.00	3.53	2.37	5.00	2.88	1.75	2.00	1.24	.81	1.00
1939.....	4.00	3.53	1.90	5.00	2.98	1.07	1.53	.88	.59	1.00
1940.....	4.00	3.53	1.70	5.00	3.00	.59	1.50	.75	.56	1.00
1941.....	4.00	3.53	(12)	5.00	3.00	13 .70	1.50	.70	.54	1.00
1942.....	4.00	3.48	(12)	5.00	2.93	13 .90	1.50	.77	.66	14 1.00
1943.....	4.00	3.42	(12)	5.00	3.03	15 .64	1.50	.81	.69	14 1.00
1944.....	4.00	3.06	(12)	5.00	16 1.00	(17)	1.50	.87	.73	14 1.00
1945.....	4.00	2.45	(12)	5.00	16 1.00	(17)	1.50	.88	.75	14 1.00
1946.....	4.00	1.55	1.36	5.00	-----	-----	1.50	.93	.81	14 1.00
1947.....	4.00	1.55	1.46	5.00	-----	-----	1.53	1.11	1.03	1.00
1948.....	4.02	1.55	1.87	5.00	-----	-----	1.87	1.55	1.44	1.00-1.50
1949.....	4.08	1.62	1.54	5.00	-----	-----	2.04	1.47	1.48	1.50

<sup>1</sup> Farm Credit Administration.<sup>2</sup> In computing rates, each Farm Credit district is given equal weight, but within each district rates are weighted by number of days in force.<sup>3</sup> Contract rates on loans through national farm loan associations. Temporarily reduced rate in effect between July 11, 1933, and June 30, 1935, was 4.5 percent, and between July 1, 1935, and June 30, 1944, 3.5 percent.<sup>4</sup> Based on bonds outstanding on Dec. 31, each year, excluding bonds owned by the issuing agency.<sup>5</sup> Average of daily yields on asked prices of all long-term issues, except those callable in 5 years or less. Beginning 1946, based on yields on bonds issued after Jan. 31, 1945, and due or callable between 1948 and 1955; these yields are to call date where price was above par, but to maturity where price was at or below par.<sup>6</sup> Contract rate. Temporarily reduced rate in effect between July 22, 1937, and June 30, 1940, was 4.0 percent; between July 1, 1940, and June 30, 1944, was 3.5 percent; and between July 1, 1944, and June 30, 1945, was 4.0 percent. Authority to make new loans expired July 1, 1947.<sup>7</sup> Average of daily yields on all outstanding issues with a minimum original term of 7 years or more.<sup>8</sup> Based on debentures issued during the year.<sup>9</sup> Board of Governors of Federal Reserve System.<sup>10</sup> Prevailing open-market rates in New York City.<sup>11</sup> Discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.<sup>12</sup> All outstanding bonds from May 1, 1941, to Feb. 1, 1945, were callable in 5 years or less. Yield for 1945 not shown because of refinancing activities.<sup>13</sup> Excludes two issues quoted on a negative yield basis.<sup>14</sup> A rate of one-half of 1 percent was effective from Oct. 30, 1942, to Apr. 23, 1946, on advances secured by Government obligations maturing or callable in 1 year or less.<sup>15</sup> Both of the bond issues included were callable in 1944.<sup>16</sup> Represents only one issue of bonds.<sup>17</sup> After May 15, 1944, all outstanding bonds were held by United States Treasury.

Bureau of Agricultural Economics.

TABLE 710.—*Farm fire losses, United States, 1937-49*<sup>1</sup>

Year	Amount	Year	Amount	Year	Amount
	<i>Million dollars</i>		<i>Million dollars</i>		<i>Million dollars</i>
1937.....	66	1942.....	64	1947.....	99
1938.....	73	1943.....	75	1948.....	99
1939.....	76	1944.....	77	1949.....	95
1940.....	71	1945.....	80		
1941.....	68	1946.....	91		

<sup>1</sup> Represents fire and lightning losses on buildings, implements and machinery, livestock, crops, and household goods.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 711.—*Farmers' mutual fire insurance, United States, 1929-49*<sup>1</sup>

Year	Companies <sup>2</sup>	Insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year <sup>3</sup>
			Losses	Expenses	Total	
	<i>Number</i>	<i>1,000 dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>
1929.....	1,876	11,118,510	21.8	6.6	28.4	
1930.....	1,886	11,382,104	24.8	6.8	31.6	
1931.....	1,863	11,292,339	24.1	6.9	31.0	
1932.....	1,847	10,974,082	24.9	7.1	32.0	
1933.....	1,826	10,466,384	21.2	7.3	28.5	
1934.....	1,852	10,571,508	19.7	7.2	26.9	
1935.....	1,941	11,083,300	15.7	7.5	23.2	33,656
1936.....	1,936	11,339,510	20.7	7.4	28.0	35,083
1937.....	1,924	11,569,476	16.5	7.6	24.1	37,479
1938.....	1,914	11,868,569	18.0	8.0	26.0	40,105
1939.....	1,904	12,143,881	18.4	8.2	26.6	41,819
1940.....	1,898	12,294,287	17.1	8.1	25.2	45,474
1941.....	1,885	12,518,913	16.2	8.4	24.6	50,119
1942.....	1,877	12,982,390	14.6	8.1	22.7	55,797
1943.....	1,878	13,777,555	16.2	7.7	23.9	61,413
1944.....	1,847	14,221,012	15.9	7.8	23.7	63,490
1945.....	1,841	15,170,456	15.6	8.0	23.6	70,644
1946 <sup>4</sup> .....	1,833	16,941,434	15.8	8.8	24.6	76,194
1947 <sup>5</sup> .....	1,684	18,105,443	16.0	8.9	24.9	79,964
1948 <sup>6</sup> .....		20,120,000	17.4	8.5	25.9	98,000
1949 <sup>6</sup> .....		21,862,000	14.0	8.3	22.3	112,000

<sup>1</sup> For 1929-33, data are for companies with more than 65 percent of their insurance on farm property, and thereafter for companies with more than 50 percent.

<sup>2</sup> Number of companies for which data could be obtained. Variations from year to year may not represent real variation in number of companies operating.

<sup>3</sup> Excess of assets over liabilities. Most farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

<sup>4</sup> Revised.

<sup>5</sup> Preliminary.

<sup>6</sup> Estimates based on sample of companies; not available by States.

Bureau of Agricultural Economics. Data for 1934-41 from Farm Credit Administration. All data compiled from published State reports, supplemented by information from State insurance officials, officers of farmers' mutuals, and others.



TABLE 712.—Farmers' mutual fire insurance, by States, 1947<sup>1</sup>

State and division	Companies <sup>2</sup>	Insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserve at end of year <sup>3</sup>
			Losses	Expenses	Total	
	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
Maine.....	34	67,796	38.0	13.9	51.9	269
New Hampshire.....	13	45,972	30.4	25.2	55.6	365
Vermont.....	4	116,030	36.5	10.5	47.0	411
Massachusetts <sup>4</sup> .....	0	0	0	0	0	0
Rhode Island.....	2	5,000	33.3	16.0	49.3	169
Connecticut.....	3	41,231	19.7	12.6	32.3	405
New England.....	56	276,029	33.7	14.2	47.9	1,619
New York.....	128	935,926	18.8	9.2	28.0	5,066
New Jersey.....	10	218,700	17.7	20.9	38.6	2,233
Pennsylvania.....	147	1,432,959	16.3	12.3	28.6	7,677
Middle Atlantic.....	285	2,587,585	17.3	11.9	29.2	14,976
Ohio.....	94	1,425,952	17.9	4.5	22.4	3,190
Indiana.....	74	1,128,819	19.1	6.0	25.1	3,399
Illinois.....	205	1,342,612	14.4	6.3	20.7	5,135
Michigan.....	59	1,098,003	23.0	12.0	35.0	3,649
Wisconsin.....	195	1,918,170	14.0	4.8	18.8	4,734
East North Central.....	627	6,913,556	17.2	6.4	23.6	20,107
Minnesota.....	155	1,473,251	11.2	4.4	15.6	4,479
Iowa.....	151	2,157,893	11.9	5.3	17.2	7,505
Missouri.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
North Dakota.....	34	192,606	11.7	7.6	19.3	974
South Dakota.....	44	469,722	10.0	5.9	15.9	1,861
Nebraska.....	41	715,906	11.7	10.7	22.4	2,334
Kansas.....	14	916,525	14.7	14.0	28.7	3,286
West North Central.....	444	5,925,903	12.0	7.2	19.2	20,439
Delaware.....	3	6,778	16.3	17.5	33.8	155
Maryland.....	13	650,571	18.8	16.2	35.0	5,257
Virginia.....	39	236,998	14.8	14.5	29.3	2,819
West Virginia.....	14	121,186	10.6	15.6	26.2	1,408
North Carolina.....	30	93,768	18.5	13.4	31.9	1,120
South Carolina.....	9	15,329	39.9	22.7	62.6	429
Georgia.....	18	38,022	29.2	16.0	45.2	( <sup>5</sup> )
Florida <sup>4</sup> .....	0	0	0	0	0	0
South Atlantic.....	126	1,162,652	17.8	15.7	33.5	11,188
Kentucky.....	17	111,808	37.2	18.3	55.5	1,899
Tennessee.....	31	74,390	21.5	22.4	43.9	487
Alabama.....	2	7,255	24.4	38.0	62.4	62
Mississippi <sup>4</sup> .....	0	0	0	0	0	0
East South Central.....	50	193,453	30.7	20.6	51.3	2,448
Arkansas.....	15	68,597	37.4	20.5	57.9	628
Louisiana <sup>4</sup> .....	0	0	0	0	0	0
Oklahoma.....	4	80,816	46.7	8.0	54.7	724
Texas.....	41	196,066	14.5	9.5	24.0	1,458
West South Central.....	60	345,479	26.4	11.3	37.7	2,810
Montana.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Idaho.....	9	135,794	14.0	14.2	28.2	531
Wyoming.....	3	6,183	8.5	22.2	30.7	42
Colorado.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
New Mexico <sup>4</sup> .....	0	0	0	0	0	0
Arizona <sup>4</sup> .....	0	0	0	0	0	0
Utah.....	1	24,159	19.1	21.3	40.4	341
Nevada <sup>4</sup> .....	0	0	0	0	0	0
Mountain.....	13	166,136	14.6	15.6	30.2	914
Washington.....	5	111,216	14.7	20.4	35.1	1,943
Oregon.....	4	46,825	16.2	12.8	29.0	609
California.....	14	376,609	14.2	22.0	36.2	2,911
Pacific.....	23	534,650	14.5	20.7	35.2	5,463
United States.....	1,684	18,105,443	16.0	8.9	24.9	79,964

TABLE 713.—Crop insurance, United States, crops of 1939-47<sup>1</sup>

Commodity and year	Coverage			Amount of premiums <sup>4</sup>	Indemnities		
	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified <sup>3</sup>	Amount <sup>4</sup>
Wheat:	Number	1,000 acres	1,000 bushels	1,000 bushels		1,000 acres	1,000 bushels
1939.....	176,755	7,010	60,926	6,670	55,932	2,589	10,164
1940.....	380,596	12,755	108,285	13,797	112,762	5,017	22,898
1941.....	371,390	11,734	104,306	12,643	130,774	3,389	18,857
1942.....	400,043	9,630	88,063	8,768	108,368	2,023	10,575
1943.....	357,733	8,149	75,264	8,024	133,076	2,448	13,268
1944 <sup>1</sup> .....	19,494	1,106	7,594	1,084	2,209	136	472
1945.....	292,252	9,224	84,160	9,250	45,584	1,766	5,391
1946.....	326,011	11,549	99,302	10,697	37,853	1,621	6,369
1947.....							
Cotton: <sup>6</sup>			1,000 pounds <sup>5</sup>	1,000 pounds			1,000 pounds
1942.....	169,072	2,618	407,612	31,433	47,744	755	52,585
1943.....	184,998	2,690	386,690	30,724	40,632	816	58,274
1944 <sup>1</sup> .....	113,849	3,042	382,649	22,311	48,409	1,780	76,391
1945.....	132,062	4,307	527,401	43,261	74,005	2,780	151,026
1946.....	118,924	2,758	375,627	40,114	40,237	942	45,264
1947.....							
Flaxseed:			1,000 bushels	1,000 bushels			1,000 bushels
1945.....	31,786	771	3,676	487	6,929	180	289
1946.....	10,826	277	1,341	174	3,528	98	186
1947.....	35,972	1,204	4,838	713	7,079	219	418

<sup>1</sup> No insurance was written on the 1944 crop. Winter wheat was not insured in 1945. In the other years for the commodities as shown above insurance was offered in all producing areas of the insurable commodity. Beginning in 1948 crop insurance was reduced to an experimental basis for all commodities and offered in only a limited number of counties.

<sup>2</sup> Number of farms insured on which a premium was earned, including duplication where both landlord and tenant were insured. Insured farms on which the insured crop was not planted are not included.

<sup>3</sup> Insured acreage for the farm, as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Premiums and indemnities are determined in bushels of wheat or flax and in pounds of cotton, although transactions may be made in the cash equivalent.

<sup>5</sup> Estimated.

<sup>6</sup> Maximum liability of the Corporation in the case of cotton was somewhat greater than shown, as the insured producers had the option of insuring cottonseed, and the lint indemnities for those producers exercising this option were increased by 19 percent for the 1942 crop and 20 percent for the 1943, 1945, 1946, and 1947 crops.

Federal Crop Insurance Corporation.

#### FOOTNOTES FOR TABLE 712:

<sup>1</sup> Preliminary. Data are for companies with more than half of their insurance on farm property.

<sup>2</sup> Number of companies for which data could be obtained.

<sup>3</sup> Excess of assets over liabilities. Most farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves.

<sup>4</sup> No mutual fire insurance company with more than half of its insurance on farm property.

<sup>5</sup> Data not available at time of publication.

Bureau of Agricultural Economics. Compiled from published State reports, supplemented by information from State insurance officials, officers of farmers' mutuals, and others.

TABLE 714.—*Experimental crop insurance programs, United States, crops of 1945-50*<sup>1</sup>

Commodity and year	Coverage				Amount of premiums <sup>4</sup>	Indemnities		
	Counties participating	Insured units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified <sup>3</sup>	Amount <sup>4</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
Corn:								
1945.....	15	13,582	418	7,646	398	3,420	94	657
1946.....	19	8,810	334	<sup>5</sup> 5,840	375	1,461	43	310
1947.....	19	7,832	294	<sup>5</sup> 7,632	420	2,059	58	529
1948.....	36	16,520	752	11,166	435	310	7	74
1949.....	43	23,767	1,079	<sup>5</sup> 16,237	587	606	18	95
1950.....	73	<sup>5</sup> 38,824	872	19,235	724	3,037	70	549
Tobacco:								
1945.....	13	13,823	54	14,558	667	1,833	10	532
1946.....	19	17,822	78	<sup>5</sup> 17,803	800	1,477	5	330
1947.....	19	16,343	82	<sup>5</sup> 16,382	702	2,561	9	701
1948.....	32	39,803	136	21,333	656	1,929	5	285
1949.....	35	44,090	87	<sup>5</sup> 22,112	742	<sup>5</sup> 3,979	5	489
1950.....	52	<sup>5</sup> 84,983	169	48,505	1,482	5,664	9	842
Wheat:								
1948.....	200	96,173	6,515	<sup>5</sup> 84,618	8,585	10,039	104	4,983
1949.....	199	78,243	7,760	<sup>5</sup> 82,897	7,488	17,800	2,163	11,210
1950.....	283	<sup>5</sup> 114,098	6,832	93,799	8,267	12,760	865	4,192
Cotton:								
1948.....	53	22,044	682	22,119	1,412	2,616	72	601
1949.....	50	29,620	637	<sup>5</sup> 23,672	1,586	10,194	144	3,109
1950.....	80	<sup>5</sup> 74,231	704	27,589	1,808	27,463	245	4,998
Flaxseed:								
1948.....	48	17,257	754	13,572	1,547	1,932	68	795
1949.....	48	16,774	683	7,713	883	2,589	109	541
1950.....	63	<sup>5</sup> 18,917	485	4,862	488	1,983	56	271
Dry edible beans:								
1948.....	4	1,577	38	754	32	76	3	9
1949.....	9	3,192	78	<sup>5</sup> 1,780	95	343	10	61
1950.....	18	<sup>5</sup> 5,485	76	2,129	104	728	10	107
Multiple crops: <sup>6</sup>								
1948.....	2	824	46	587	24	11	(7)	1
1949.....	7	3,030	263	4,073	137	129	7	22
1950.....	55	<sup>5</sup> 31,066	2,244	37,326	1,284	2,470	151	466

<sup>1</sup> Beginning in 1945, insurance on corn and tobacco was offered in a limited number of counties on an experimental basis. Beginning in 1948, insurance on all commodities was reduced to an experimental basis and offered in only a limited number of counties. Insurance on dry edible beans and multiple crops was added in 1948. 1950 preliminary.

<sup>2</sup> Number of farms on which the insured crop was planted, including duplication where both landlord and tenant are insured. Insured farms on which no crop was planted are not included.

<sup>3</sup> Acreage of the insured crop for the farm as included in the contract, although insurance for farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Premiums, indemnities, and insured production for commodity (yield) insurance are determined in the standard unit of measure for the commodity, although transactions may be made in the cash equivalent. These data are shown in this table as the dollar equivalent and combined with data for monetary and investment-type insurance, which are determined in dollars only.

<sup>5</sup> Estimated.

<sup>6</sup> Includes a combination of commodities varying by counties.

<sup>7</sup> Less than 500.

Federal Crop Insurance Corporation.

TABLE 715.—*Farm-mortgage loans: Total outstanding and amounts held by principal lenders, United States, Jan. 1, 1929-50*<sup>1</sup>

Year	Total	Federal land banks <sup>2</sup>	Federal Farm Mortgage Corporation <sup>3</sup>	Life insurance companies <sup>4</sup>	Joint-stock land banks <sup>5</sup>	Farmers Home Administration <sup>6</sup>	Commercial banks <sup>6</sup>	Individuals and miscellaneous
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	9,756,559	1,182,813		2,138,980	656,516		1,046,624	4,731,628
1930	9,630,768	1,201,732		2,118,439	637,789		997,468	4,675,340
1931	9,398,058	1,197,063		2,087,047	605,858		946,876	4,561,244
1932	9,093,983	1,180,992		2,036,614	552,180		940,135	4,384,062
1933	8,466,418	1,147,014		1,898,318	474,954		889,083	4,057,049
1934	7,685,203	1,257,825	70,738	1,697,787	412,346		710,863	3,535,644
1935	7,584,459	1,947,442	616,737	1,301,562	277,020		498,842	2,942,856
1936	7,422,701	2,118,502	794,147	1,112,289	200,617		487,505	2,714,641
1937	7,153,963	2,147,768	841,251	1,015,615	162,786		487,534	2,499,009
1938	6,954,884	2,126,610	824,151	988,557	133,554		501,450	2,380,562
1939	6,779,318	2,089,478	774,377	982,939	114,992	10,218	519,276	2,289,038
1940	6,586,399	2,009,820	713,290	984,290	91,726	31,927	534,170	2,221,176
1941	6,491,435	1,957,184	685,149	1,016,479	73,455	65,294	543,408	2,150,466
1942	6,372,277	1,880,784	634,885	1,063,166	55,919	114,533	535,212	2,087,778
1943	5,950,975	1,718,240	543,895	1,042,939	37,015	157,463	476,676	1,974,747
1944	5,369,080	1,452,886	429,751	985,661	10,097	171,763	448,433	1,889,489
1945	4,932,942	1,209,676	347,307	933,723	5,455	193,377	449,582	1,795,822
1946	4,681,720	1,078,952	239,365	884,312	3,208	181,861	507,298	1,786,724
1947	4,777,355	976,748	146,621	890,161	1,641	189,300	683,229	1,889,655
1948	4,881,744	888,933	107,066	956,730	645	195,069	793,476	1,959,825
1949	5,108,183	868,156	77,920	1,035,719	462	188,893	847,841	2,089,192
1950	5,413,385	906,077	58,650	1,172,157	270	188,855	885,491	2,201,885

<sup>1</sup> Continental United States only.<sup>2</sup> 1930-50, includes regular mortgages, purchase-money mortgages, and sales contracts; prior to 1930, includes regular mortgages only.<sup>3</sup> Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner. Authority to make new loans expired July 1, 1947.<sup>4</sup> Joint-stock land banks have been in liquidation since May 12, 1933. Includes banks in receivership.<sup>5</sup> Formerly Farm Security Administration. Prior to 1942, includes tenant-purchase loans. Beginning with 1942, includes farm-development (special real estate) loans; beginning with 1944, includes farm-enlargement loans; and beginning with 1945, includes project-liquidation loans. Loans made for these purposes from State Corporation trust funds are included. Loans insured by Farmers Home Administration are not included.<sup>6</sup> 1935-50, insured commercial banks; prior to 1935, open State and national banks.

Bureau of Agricultural Economics.

TABLE 716.—*Farm mortgages recorded: Loans made by the Federal land banks and Land Bank Commissioner and estimated amount recorded by other lender groups, by geographic divisions, 1949*<sup>1</sup>

Geographic division	Loans made <sup>2</sup>		Mortgages recorded by other lenders <sup>4</sup>				Total
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Individuals	Commercial banks	Insurance companies	Miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
New England	2,944		8,185	22,629	163	1,731	35,652
Middle Atlantic	6,879		32,306	30,249	5,842	3,935	79,211
East North Central	32,332		71,761	96,888	57,839	12,668	271,488
West North Central	51,660	19	92,768	71,255	95,194	13,629	324,525
South Atlantic	13,789		58,114	47,843	8,748	21,050	149,544
East South Central	13,935		34,561	40,226	13,678	5,620	108,020
West South Central	25,044		58,558	30,227	48,490	12,052	174,371
Mountain	14,682		41,616	19,755	25,300	8,089	109,442
Pacific	19,369		63,866	37,394	21,675	13,903	156,287
United States	180,624	19	461,735	396,466	276,929	92,767	1,408,540

<sup>1</sup> Continental United States only.<sup>2</sup> Loans on regular mortgages only, excluding purchase money mortgages and sales contracts.<sup>3</sup> Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made by the Land Bank Commissioner.<sup>4</sup> Includes purchase money mortgages and sales contracts to the extent they were recorded.

Farm Credit Administration.

TABLE 717.—*Farm-mortgage loans: Total amount outstanding, by States, Jan. 1, 1930, 1935, 1940, 1945, and 1948-50*

State and division	1930	1935	1940	1945	1948	1949	1950
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	27,613	30,626	24,757	16,713	18,732	19,364	20,096
New Hampshire.....	11,756	12,423	11,220	9,706	10,586	11,409	12,094
Vermont.....	35,365	31,391	27,814	21,975	27,006	28,088	28,573
Massachusetts.....	48,984	49,613	45,845	36,778	31,277	32,086	32,924
Rhode Island.....	4,632	4,065	4,121	3,583	3,567	3,759	3,857
Connecticut.....	43,358	47,886	36,742	26,105	22,358	22,699	23,273
New England.....	171,708	176,004	150,499	114,860	113,526	117,405	120,819
New York.....	233,791	213,634	191,786	147,300	155,466	160,368	162,753
New Jersey.....	54,180	49,206	48,791	39,235	43,417	48,275	54,893
Pennsylvania.....	168,492	150,738	131,578	107,358	124,622	129,758	133,814
Middle Atlantic.....	456,463	413,578	372,155	293,793	323,505	338,401	351,460
Ohio.....	272,738	224,261	239,059	167,463	166,985	175,333	178,867
Indiana.....	269,913	224,169	236,266	176,468	173,598	183,439	194,496
Illinois.....	614,059	481,797	418,970	269,947	217,608	217,159	220,464
Michigan.....	221,432	183,172	174,308	144,988	163,424	175,418	186,067
Wisconsin.....	505,472	413,082	356,936	262,072	254,477	260,327	272,725
East North Central.....	1,883,614	1,526,481	1,425,539	1,020,938	976,092	1,011,676	1,052,619
Minnesota.....	476,210	396,946	375,990	304,641	244,465	237,572	244,853
Iowa.....	1,196,197	787,159	705,589	525,939	381,863	383,949	392,809
Missouri.....	442,820	286,460	229,377	197,529	198,921	204,877	212,192
North Dakota.....	239,772	197,177	141,230	91,461	70,261	67,367	70,026
South Dakota.....	293,080	216,592	127,706	98,788	70,632	67,847	71,729
Nebraska.....	610,453	431,686	309,826	204,174	141,935	139,870	147,788
Kansas.....	411,747	357,123	284,248	171,635	143,120	146,993	156,499
West North Central.....	3,570,279	2,673,143	2,173,966	1,594,067	1,251,197	1,248,475	1,295,896
Delaware.....	9,581	8,668	7,957	6,498	8,898	10,351	11,409
Maryland.....	50,377	43,790	46,675	40,627	48,781	50,449	53,967
Virginia.....	91,000	75,093	72,299	61,765	78,123	87,265	94,532
West Virginia.....	26,177	23,671	21,969	18,658	21,601	22,585	23,574
North Carolina.....	111,880	93,905	90,071	73,917	95,041	96,252	97,373
South Carolina.....	64,433	47,149	45,948	37,590	45,112	49,029	52,564
Georgia.....	113,060	82,867	82,037	66,344	87,569	98,078	108,286
Florida.....	52,840	40,578	38,101	30,313	48,356	57,925	63,301
South Atlantic.....	519,348	415,721	405,057	335,712	433,481	471,934	505,006
Kentucky.....	116,250	105,226	109,253	81,579	86,569	91,923	97,870
Tennessee.....	115,280	93,055	92,614	65,433	76,965	82,576	89,678
Alabama.....	97,890	81,421	81,859	66,564	74,634	79,651	87,156
Mississippi.....	103,312	85,073	100,368	83,744	103,987	112,396	122,701
East South Central.....	432,732	364,775	384,094	297,320	342,155	366,546	397,405
Arkansas.....	99,085	69,317	72,513	63,695	78,897	86,102	93,525
Louisiana.....	63,838	57,951	55,098	48,070	59,796	64,282	71,214
Oklahoma.....	274,971	183,421	153,679	116,780	112,963	117,806	124,898
Texas.....	671,434	565,968	431,746	323,358	334,879	349,283	384,711
West South Central.....	1,109,328	876,657	713,036	551,903	586,535	617,473	674,348
Montana.....	129,744	100,331	66,118	41,684	42,143	45,676	49,357
Idaho.....	115,547	89,404	78,763	58,494	61,914	68,074	74,515
Wyoming.....	43,337	36,709	34,009	24,951	28,463	32,391	36,167
Colorado.....	138,248	103,479	75,005	58,064	75,187	86,775	96,337
New Mexico.....	38,954	27,492	27,499	24,924	41,863	49,018	55,950
Arizona.....	41,690	30,797	28,933	22,334	30,699	33,128	36,403
Utah.....	51,875	43,757	36,650	25,720	32,130	34,593	37,204
Nevada.....	15,617	15,131	10,213	6,120	9,605	11,570	13,824
Mountain.....	575,012	447,100	357,190	262,291	322,004	361,225	399,757
Washington.....	161,557	125,405	106,857	73,995	79,222	86,201	96,153
Oregon.....	135,917	104,860	90,421	69,218	85,574	92,497	100,582
California.....	614,810	460,735	407,585	318,845	368,453	396,350	419,340
Pacific.....	912,284	691,000	604,863	462,058	533,249	575,048	616,075
United States.....	9,630,768	7,584,469	6,586,399	4,932,942	4,881,744	5,108,183	5,413,385

<sup>1</sup> Includes District of Columbia.

Bureau of Agricultural Economics. Data for 1930-39 in Agricultural Statistics, 1944, table 576; for 1940-44 in Agricultural Statistics, 1947, table 673; and for 1946 and 1947 in the 1948 book, table 712.

TABLE 718.—*Farm-mortgage loans: Amounts held by selected lender groups, by States, Jan. 1, 1949 and 1950*

State and division	Federal land banks and Federal Farm Mortgage Corporation <sup>1 2</sup>		Life insurance companies <sup>1</sup>		Farmers Home Administration <sup>3</sup>		All Others <sup>4</sup>	
	1949	1950	1949	1950	1949	1950	1949	1950
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	3,278	3,118	8	16	677	764	15,401	16,200
New Hampshire.....	1,687	1,710	3	6	146	153	9,573	10,225
Vermont.....	5,515	5,895	165	359	626	708	21,782	21,611
Massachusetts.....	7,047	6,835	628	640	490	518	23,921	24,931
Rhode Island.....	1,079	1,012	14	13	32	31	2,634	2,801
Connecticut.....	5,690	5,365	511	701	225	233	16,273	16,884
New England.....	24,296	23,935	1,329	1,825	2,196	2,407	89,584	92,652
New York.....	29,440	29,232	5,761	7,901	2,888	2,772	122,279	122,848
New Jersey.....	9,160	8,880	6,484	7,849	1,459	1,533	31,172	36,631
Pennsylvania.....	12,432	12,405	4,344	5,256	3,454	3,443	109,528	112,710
Middle Atlantic.....	51,032	50,617	16,589	21,006	7,801	7,748	262,979	272,189
Ohio.....	17,471	18,373	22,817	28,049	3,746	3,613	131,299	128,832
Indiana.....	22,076	22,953	53,450	61,419	3,324	3,204	104,589	106,920
Illinois.....	62,202	53,501	87,298	91,271	3,236	3,055	74,423	72,637
Michigan.....	23,407	24,668	4,573	6,483	3,255	3,218	144,183	151,698
Wisconsin.....	37,195	37,710	9,506	12,014	3,887	3,893	209,739	219,108
East North Central.....	152,351	157,205	177,644	199,236	17,448	16,983	664,233	679,195
Minnesota.....	52,891	52,255	63,985	65,461	5,853	6,038	114,843	121,099
Iowa.....	83,973	84,398	174,479	177,499	3,212	3,381	122,285	127,631
Missouri.....	22,995	23,693	63,010	66,302	7,788	8,113	111,084	114,084
North Dakota.....	17,521	15,212	9,547	9,212	2,448	2,450	37,851	43,152
South Dakota.....	29,350	31,369	30,978	31,004	2,297	2,155	5,222	7,201
Nebraska.....	49,081	49,317	49,247	53,116	3,262	3,198	38,280	42,157
Kansas.....	31,291	32,092	38,201	43,349	4,825	5,074	72,676	75,984
West North Central.....	287,102	288,336	429,447	445,943	29,685	30,409	502,241	531,208
Delaware.....	567	645	46	188	316	304	9,422	10,272
Maryland.....	4,360	4,470	2,843	3,474	1,422	1,432	41,824	44,591
Virginia.....	9,253	8,992	7,544	8,201	2,682	2,600	67,786	74,739
West Virginia.....	3,946	3,975	396	400	1,499	1,471	16,744	17,728
North Carolina.....	15,217	15,768	5,952	6,653	6,737	6,755	68,346	68,197
South Carolina.....	10,489	11,058	1,106	1,045	6,480	6,534	30,954	33,927
Georgia.....	17,244	18,269	8,770	10,279	11,783	11,655	60,281	68,083
Florida.....	10,590	10,852	9,140	11,460	1,905	1,921	36,290	39,068
South Atlantic.....	71,666	74,029	35,797	41,700	32,824	32,672	331,647	356,605
Kentucky.....	10,699	11,005	17,882	20,622	3,268	3,037	60,074	63,206
Tennessee.....	10,668	10,957	10,128	12,191	5,360	5,377	56,420	61,153
Alabama.....	18,291	19,995	1,921	2,604	9,353	9,310	50,086	55,247
Mississippi.....	19,990	21,213	24,233	25,636	16,499	17,194	51,674	58,658
East South Central.....	59,648	63,170	54,164	61,053	34,480	34,918	218,254	238,264
Arkansas.....	11,636	12,085	25,991	29,718	10,707	10,424	37,768	41,298
Louisiana.....	12,706	12,997	8,522	9,955	6,569	6,398	36,485	41,864
Oklahoma.....	19,873	20,714	23,716	28,169	9,577	9,534	64,640	66,481
Texas.....	98,490	98,190	118,711	148,072	20,806	19,776	111,276	118,673
West South Central.....	142,705	143,986	176,940	215,914	47,659	46,132	250,169	268,316
Montana.....	12,649	13,093	5,357	7,208	2,810	2,774	24,860	26,282
Idaho.....	14,326	15,506	11,680	15,160	1,961	2,247	40,107	41,602
Wyoming.....	8,267	8,336	7,499	11,243	1,145	1,160	15,480	15,428
Colorado.....	15,773	16,575	16,033	20,977	1,892	1,728	53,077	57,057
New Mexico.....	6,091	5,951	19,023	22,125	1,292	1,344	22,612	26,530
Arizona.....	6,116	5,991	7,056	7,650	716	767	19,240	21,995
Utah.....	7,713	7,686	1,612	2,315	1,991	2,357	23,277	24,846
Nevada.....	1,523	1,481	1,959	3,478	210	268	7,878	8,597
Mountain.....	72,458	74,619	70,219	90,156	12,017	12,645	206,531	222,337
Washington.....	14,065	15,084	11,871	15,116	1,353	1,562	58,912	64,391
Oregon.....	13,776	14,672	11,936	16,135	1,579	1,523	65,206	69,252
California.....	56,977	59,174	49,783	65,073	1,851	1,856	287,739	293,237
Pacific.....	84,818	88,930	73,590	95,324	4,783	4,941	411,857	426,886
United States.....	946,076	964,727	1,035,719	1,172,157	188,893	188,855	2,937,495	3,087,646

See footnotes on page 671.

TABLE 719.—Farm mortgage loans made or recorded by principal lenders, United States, 1929-49<sup>1</sup>

Year	Loans made <sup>2</sup>				Mortgages recorded <sup>3</sup>			Total
	Federal land banks	Land Bank Commissioner <sup>4</sup>	Joint-stock land banks <sup>4</sup>	Farmers Home Administration <sup>5</sup>	Insurance companies <sup>7</sup>	Commercial and savings banks <sup>8</sup>	Individuals and miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	63,004	—	18,186	—	203,346	343,532	834,624	1,462,692
1930.....	47,146	—	5,236	—	175,665	355,232	783,346	1,364,625
1931.....	41,814	—	5,407	—	127,509	327,594	697,614	1,199,938
1932.....	27,516	—	2,181	—	74,760	263,336	535,548	903,341
1933.....	151,585	70,812	739	—	45,002	167,109	386,729	822,976
1934.....	730,134	553,048	—	—	53,422	130,583	353,187	1,820,374
1935.....	247,610	195,869	—	—	78,033	176,496	363,685	1,061,693
1936.....	108,602	76,887	—	—	115,115	186,109	315,681	802,394
1937.....	62,831	39,707	—	—	128,205	212,801	314,184	757,728
1938.....	51,237	29,152	—	10,218	137,416	209,925	285,241	723,189
1939.....	51,461	27,230	—	26,255	138,048	217,821	268,193	729,008
1940.....	63,926	36,391	—	39,060	145,562	219,835	267,688	772,462
1941.....	64,726	37,308	—	59,595	160,469	221,310	290,588	833,996
1942.....	53,599	28,242	—	34,909	154,566	191,023	300,474	762,813
1943.....	61,232	30,077	—	32,514	167,060	233,074	391,846	915,803
1944.....	69,418	34,469	—	36,801	160,758	255,343	414,185	970,974
1945.....	91,889	28,692	—	16,734	145,121	312,780	459,214	1,054,430
1946.....	128,572	14,611	—	47,393	199,979	521,872	573,781	1,486,208
1947.....	137,282	10,345	—	26,766	230,882	487,092	547,773	1,440,140
1948.....	148,574	17	—	18,985	259,154	436,395	563,920	1,427,045
1949.....	180,624	19	—	15,436	276,929	396,466	539,066	1,408,540

<sup>1</sup> Continental United States only.<sup>2</sup> Loans on regular mortgages only, excluding purchase money mortgages and sales contracts.<sup>3</sup> Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. Authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made by the Land Bank Commissioner.<sup>4</sup> Placed in liquidation May 12, 1933. Loans made subsequent to liquidation are included with mortgages recorded by miscellaneous lenders.<sup>5</sup> Includes tenant-purchase, farm enlargement, farm development, and project liquidation loans and similar loans from State corporation trust funds. Figures represent amounts advanced for project-liquidation loans and amounts obligated for all other types of loans. Data for 1944 includes all project liquidation loans made from inception of program through December 31, 1944, no breakdown by years being available for such loans prior to that date.<sup>6</sup> Figures for 1929-33 are estimates of the Bureau of Agricultural Economics, based on data from about 20 percent of the counties in the United States. Figures for 1936-49 are estimates of the Farm Credit Administration, based on reports from counties including 30-48 percent of the farms in the United States. Estimates for 1934-35 were developed jointly by both agencies.<sup>7</sup> Data for the years 1929-35 exclude mortgages recorded in the New England States, which were too few to classify separately and are included with the recordings of miscellaneous lenders. Data for the years 1936-49, however, include mortgages recorded in the New England States.<sup>8</sup> Includes national, State, and mutual savings banks.<sup>9</sup> Revised.

Farm Credit Administration.

## FOOTNOTES FOR TABLE 718:

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.<sup>2</sup> Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner.<sup>3</sup> Formerly Farm Security Administration. Includes tenant-purchase, farm-enlargement, farm-development, and project-liquidation loans. Also includes loans made for these purposes from State Corporation trust funds, but excludes loans insured by Farmers Home Administration.<sup>4</sup> Includes loans held by joint-stock land banks, commercial and savings banks, individuals, and miscellaneous lenders. See table 722 for State data on loans held by insured commercial banks (classified by location of bank rather than by location of security).<sup>5</sup> Includes District of Columbia.

Bureau of Agricultural Economics.

TABLE 720.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1 and loans made during year, by selected lenders, United States, 1929-50<sup>1</sup>

## OUTSTANDING JANUARY 1

Year	Insured commercial banks <sup>2</sup>	Agencies supervised by Farm Credit Administration					Farmers Home Administration				Rural Electrification Administration <sup>11</sup>		Commodity Credit Corporation <sup>14</sup>	
		Production credit associations <sup>3 4</sup>	Federal intermediate credit banks <sup>5</sup>		Banks for cooperatives <sup>6</sup>	Agricultural Marketing Act revolving fund <sup>7</sup>	Production and sub-sistence loans <sup>7</sup>	Disaster loans <sup>8</sup>	Emergency crop and feed loans <sup>9</sup>	Loans to cooperatives and defense relocation corporations <sup>10</sup>	Loans to cooperatives <sup>12</sup>	Other loans <sup>13</sup>	Loans to farmers	Loans to coopera-tives
			Loans to and discounts for private finance institutions <sup>3</sup>	Loans to coopera-tives <sup>3</sup>										
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	(15)		43,884	36,174					16 7,976					
1930	(15)		47,283	26,073		14,510			16 8,946					
1931	17 1,936,360		62,462	64,377		136,698			16 61,441					
1932	(15)		71,960	45,177		156,230			49,769					
1933	(15)		79,658	9,618		158,835		24,373	90,353					
1934	(15)	27	60,382	15,005	18,697	157,702		144,615	90,863	(15)			64,577	0
1935	807,613	60,459	55,083	33,969	27,831	54,863	(15)	87,087	111,238	(15)			37,162	0
1936	16 661,606	93,400	46,518	2,731	49,962	44,433	(15)	43,394	172,470	(15)	10	0	271,219	0
1937	593,614	104,481	40,508	1,641	69,534	53,754	(15)	25,282	164,762	(15)			204,511	7,532
1938	788,351	136,918	39,974	1,813	87,504	30,982		118,017	171,983	3,668	30,015	4,300	173,134	9,676
1939	1,064,667	146,825	32,611	920	87,193	23,723		169,148	170,952	4,023	79,350	8,779	308,950	49,499
1940	1,994,392	153,425	32,316	1,835	75,843	20,547		242,452	167,795	6,721	169,122	14,121	208,193	26,845
1941	1,281,275	170,686	33,116	1,490	74,405	16,461	18 286,930	5,854	167,862	9,794	232,086	17,143	252,287	27,931
1942	1,449,937	185,611	37,939	2,152	112,692	16,914	18 317,475	5,531	163,792	19,910	304,807	17,702	133,018	14,369
1943	1,641,772	182,658	38,182	2,000	144,354	12,551	18 367,945	3,991	155,456	18 28,265	327,738	17,496	104,366	10,325
1944	1,505,249	196,637	34,137	2,000	235,068	7,351	18 342,798	32,751	146,181	18 28,585	330,944	15,599	93,104	3,655
1945	1,722,863	188,306	29,966	700	212,472	3,067	18 303,050	13,618	138,068	18 24,829	345,281	15,143	146,670	1,552
1946	1,310,281	194,788	26,487	2,042	157,100	2,693	18 279,175	7,388	128,901	18 16,936	390,744	16,383	98,904	737
1947	1,354,699	230,022	31,701	4,151	177,961	2,232	18 282,381	3,695	116,733	18 11,902	509,217	18,187	7,246	645
1948	1,609,672	289,077	37,915	4,000	273,285	2,603	18 264,879	2,634	105,913	18 9,951	709,025	24,764	2,493	177,317
1949	2,774,875	366,822	55,750	4,709	303,997	1,315	18 252,512	3,073	90,048	18 8,619	962,889	35,428	235,215	354,542
1950	2,963,101	387,454	50,825	2,400	300,885	1,365	267,160	12,771	71,186	8,352	1,250,938	48,748	715,083	224,535



## MADE DURING YEAR

1929	(15)		90,591	43,588		14,823		5,760					
1930	(15)		103,906	109,927		193,395		5,340					
1931	(15)		118,381	145,127		126,723		55,788					
1932	(15)		148,624	88,997		34,488		64,205					
1933	(15)	27	140,526	27,787	27,144	40,587		223,089					
1934	(15)	106,812	124,429	57,357	40,351	9,555	(15)	140,585					
1935	(15)	194,959	116,137	44,011	66,296	7,402	(15)	90,655					
1936	(15)	226,915	105,587	3,755	80,672	20,449	(15)	34,667					
1937	(15)	284,886	100,983	5,129	97,143	5,935	19 158,142	18,603	31,815	10 3,685	27,579	3,420	(15)
1938	(15)	301,022	88,698	2,668	94,172	7,910	80,290	5,718	19,196	402	49,504	4,503	(15)
1939	(15)	319,401	85,382	4,156	82,704	1,214	108,943	4,664	14,567	2,803	90,137	5,617	(15)
1940	(15)	347,145	87,314	4,593	100,455	3,094	92,200	4,804	18,963	3,226	65,472	3,765	(15)
1941	(15)	414,815	100,697	5,651	179,958	3,990	103,797	6,759	16,891	10,391	75,301	3,396	(15)
1942	(15)	474,049	106,881	9,397	250,847	5,017	163,110	7,759	18,411	18 8,998	31,381	894	(15)
1943	(15)	497,178	91,790	5,000	398,141	1,417	123,548	73,961	17,232	18 2,581	13,607	435	(15)
1944	(15)	485,750	79,266	3,402	362,553	809	63,222	17,038	17,087	246	27,607	853	(15)
1945	(15)	509,579	73,039	4,032	329,980	660	72,450	9,913	15,085	18 217	55,164	1,844	(15)
1946	(15)	607,482	84,892	11,579	394,246	975	107,767	1,932	15,642	18 160	129,018	3,159	(15)
1947	(15)	747,967	107,545	14,128	524,204	1,400	93,668	77		101	217,921	7,428	(15)
1948	(15)	915,812	158,777	13,639	491,625	1,000	85,088	1,084		18 211	272,337	11,811	(15)
1949	(15)	946,440	154,635	9,900	379,851	700	98,252	10,814		483	312,004	14,502	(15)

<sup>1</sup> Continental United States only.

<sup>2</sup> Beginning 1935, also includes loans to individuals covered by purchase agreements with Commodity Credit Corporation; beginning 1942, includes certificates of participation in pool of cotton growers' notes and some wartime loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$975,832,000 on Jan. 1, 1950.

<sup>3</sup> Loans "made" include renewals.

<sup>4</sup> Beginning 1947, excludes loans held by associations in liquidation. Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.

<sup>5</sup> Excludes loans to and discounts for production credit associations, regional agricultural credit corporations and banks for cooperatives.

<sup>6</sup> Also includes loans secured by Commodity Credit Corporation documents.

<sup>7</sup> Also includes rural rehabilitation, water facility, construction, and wartime adjustment loans and loans made from State Corporation trust funds.

<sup>8</sup> Also includes flood damage, fur, and flood and windstorm restoration loans and loans made by the Regional Agricultural Credit Corporation prior to its dissolution and the transfer of its assets from Farm Credit Administration to F.H.A. on Apr. 16, 1949.

<sup>9</sup> Also includes drought-relief and orchard-rehabilitation loans. Since Nov. 1, 1946, loans have been in liquidation and no new loans have been made.

<sup>10</sup> Loans "outstanding" include loans made from State Corporation trust funds. Loans "made" during 1947, 1948, and 1949 were exclusively to water facility cooperative associations.

<sup>11</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances, after deducting unused loan funds.

<sup>12</sup> Approximately 79 percent of individuals served by these cooperatives are farmers.

<sup>13</sup> Principally loans to public bodies and to power companies for rural electrification.

<sup>14</sup> Includes only loans made directly by Commodity Credit Corporation and guaranteed loans purchased from other lending agencies. This series is not comparable with that shown in table 721, which covers all loans made and guaranteed by Commodity Credit Corporation.

<sup>15</sup> Data unavailable.

<sup>16</sup> July 1.

<sup>17</sup> Estimated for all open State and national banks as of July 1, 1931.

<sup>18</sup> Revised.

<sup>19</sup> Cumulative from inception of program.

Bureau of Agricultural Economics.

LOANS NOT SECURED BY FARM REAL ESTATE

TABLE 721.—*Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1950, and loans made during 1949, by selected lenders and by States*<sup>1</sup>  
OUTSTANDING JAN. 1, 1950

State and division	Insured commercial banks <sup>2</sup>	Agencies supervised by Farm Credit Administration				Farmers Home Administration				Rural Electrification Administration <sup>11</sup>		Commodity Credit Corporation <sup>14</sup>	
		Production credit associations <sup>3,4</sup>	Federal intermediate credit banks, loans to and discounts for private financing institutions <sup>5,6</sup>	Banks for co-operatives <sup>6</sup>	Agricultural Marketing Act revolving fund <sup>7</sup>	Production and sub-sistence loans <sup>7</sup>	Disaster loans <sup>8</sup>	Emergency crop and feed loans <sup>9</sup>	Loans to co-operatives and defense relocation corporations <sup>10</sup>	Loans to co-operatives <sup>12</sup>	Other loans <sup>13</sup>	Loans to farmers	Loans to co-operatives
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	10,672	3,079	131	2,643	0	3,224	29	342	4	1,240	0	4,495	0
New Hampshire.....	2,019	503	0	103	0	995	5	22	0	2,449	0	65	0
Vermont.....	9,855	3,846	88	1,100	0	1,189	48	42	4	2,535	0	0	0
Massachusetts.....	5,288	1,745	367	15,290	0	551	68	28	0	0	0	0	0
Rhode Island.....	657	341	0	0	0	98	11	0	0	0	0	0	0
Connecticut.....	4,282	2,413	0	471	0	179	27	15	0	0	0	190	0
New England.....	32,773	11,927	586	19,607	0	6,236	188	449	8	6,224	0	4,750	0
New York.....	57,735	18,238	2,037	15,337	0	6,246	79	135	201	2,379	0	5,626	0
New Jersey.....	9,172	3,145	130	666	0	2,219	181	61	301	642	0	761	0
Pennsylvania.....	41,335	9,476	0	7,160	0	5,222	26	214	0	16,256	0	2,308	0
Middle Atlantic.....	108,242	30,859	2,167	23,163	0	13,687	286	410	502	19,277	0	8,695	0
Ohio.....	65,895	18,552	2,105	8,985	0	4,403	7	192	14	29,451	394	29,350	0
Indiana.....	65,870	17,442	752	8,695	0	3,274	27	148	4	30,380	0	26,957	0
Illinois.....	140,740	20,203	1,609	5,375	19	5,440	29	175	26	47,609	0	106,007	0
Michigan.....	51,794	5,914	5	4,684	96	7,375	147	350	9	21,889	0	21,417	0
Wisconsin.....	57,756	11,358	2,409	6,071	0	7,067	1,120	630	15	53,614	56	1,573	575
East North Central.....	382,055	73,469	6,880	33,810	115	27,559	1,330	1,495	68	182,943	450	185,304	575
Minnesota.....	141,530	11,234	1,546	23,806	0	9,360	145	2,896	48	75,451	889	80,303	0
Iowa.....	243,390	13,238	819	5,047	0	4,439	11	22	15	70,950	0	265,246	0
Missouri.....	156,328	13,360	803	11,581	0	8,604	139	964	239	83,653	0	32,886	20
North Dakota.....	59,731	3,446	542	635	0	5,589	56	19,636	169	53,861	497	61,049	0
South Dakota.....	67,800	5,674	843	169	0	8,385	22	9,323	22	34,215	0	61,128	0
Nebraska.....	160,402	9,161	601	737	0	5,537	32	1,911	132	11,208	35,903	129,219	0
Kansas.....	198,864	9,086	1,248	27,501	0	6,900	591	2,336	127	46,544	0	158,839	0
West North Central.....	1,028,045	65,199	6,402	69,476	0	48,814	996	37,088	752	375,882	37,289	788,670	20

Delaware.....	3, 107	1, 021	0	0	0	306	1	38	0	2, 184	0	1, 037	0
Maryland.....	10, 502	6, 091	0	1, 623	0	2, 198	26	278	5	7, 476	0	5, 244	959
Dist. of Columbia.....	15	0	0	0	0	0	0	0	0	0	0	0	0
Virginia.....	27, 223	5, 297	33	16, 603	0	2, 728	37	926	131	30, 998	0	2, 372	5, 075
West Virginia.....	5, 749	1, 548	0	130	0	1, 696	8	115	0	1, 032	0	17	0
North Carolina.....	15, 144	6, 394	0	2, 531	0	5, 755	12	540	462	40, 550	149	4, 111	61, 681
South Carolina.....	12, 188	4, 922	0	7, 364	0	7, 738	258	1, 383	250	23, 380	767	6, 117	315
Georgia.....	42, 716	9, 890	0	538	350	11, 961	114	1, 444	719	48, 438	33	28, 234	14, 722
Florida.....	11, 122	8, 682	447	10, 871	0	4, 962	746	941	301	18, 504	52	3, 649	0
South Atlantic.....	127, 766	43, 845	480	39, 660	350	37, 344	1, 202	5, 665	1, 868	172, 562	1, 001	50, 781	82, 752
Kentucky.....	45, 394	9, 442	49	882	0	3, 629	2	206	0	45, 594	0	3, 166	61, 041
Tennessee.....	45, 963	7, 480	626	4, 831	350	3, 144	10	511	29	41, 404	3, 279	5, 704	24, 135
Alabama.....	41, 209	4, 331	559	1, 455	0	11, 170	37	825	665	35, 174	958	21, 689	3, 300
Mississippi.....	29, 105	8, 943	3, 937	2, 445	0	12, 832	135	983	221	41, 976	0	16, 382	27, 517
East South Central.....	161, 671	30, 196	5, 171	9, 613	350	30, 775	184	2, 525	915	164, 148	4, 237	46, 941	115, 993
Arkansas.....	49, 559	6, 116	588	15, 156	0	11, 673	445	2, 501	686	36, 959	0	2, 315	7, 361
Louisiana.....	28, 331	5, 157	377	10, 846	0	6, 793	9	1, 430	403	20, 420	267	13, 064	3, 819
Oklahoma.....	132, 336	8, 570	2, 556	10, 435	350	13, 466	365	1, 074	41	49, 386	72	94, 378	8, 316
Texas.....	380, 054	38, 395	12, 888	14, 971	200	23, 364	2, 192	4, 574	322	115, 169	117	209, 753	16, 088
West South Central.....	590, 280	58, 238	16, 409	51, 408	550	55, 296	3, 011	9, 579	1, 452	221, 934	456	319, 510	35, 584
Montana.....	37, 831	8, 550	90	356	0	6, 377	186	4, 619	726	20, 126	0	27, 981	0
Idaho.....	46, 925	9, 270	96	1, 993	0	4, 679	586	528	285	6, 709	0	31, 112	0
Wyoming.....	22, 687	3, 737	1, 341	732	0	4, 560	683	611	96	8, 900	0	10, 138	0
Colorado.....	93, 374	11, 130	2, 891	1, 923	0	7, 053	696	1, 469	403	21, 716	85	45, 496	0
New Mexico.....	25, 190	4, 060	1, 181	712	0	3, 945	41	1, 303	259	13, 797	165	15, 931	183
Arizona.....	25, 989	1, 927	1, 821	162	0	1, 149	6	153	139	8, 265	0	14, 121	1
Utah.....	24, 264	3, 516	2, 673	4, 225	0	3, 186	316	274	452	2, 099	0	3, 309	0
Nevada.....	4, 025	745	364	0	0	536	286	22	137	0	75	123	0
Mountain.....	280, 285	42, 935	10, 457	10, 103	0	31, 485	2, 800	8, 979	2, 407	81, 612	325	148, 211	184
Washington.....	61, 455	3, 829	805	5, 700	0	5, 338	795	2, 205	70	11, 469	3, 622	42, 750	0
Oregon.....	26, 577	10, 228	0	7, 812	0	3, 318	233	1, 098	90	12, 215	264	15, 525	0
California.....	163, 952	16, 729	3, 868	30, 533	0	7, 308	1, 746	1, 693	130	2, 672	1, 104	29, 598	8, 049
Pacific.....	251, 984	30, 786	4, 673	44, 045	0	15, 964	2, 774	4, 996	290	26, 356	4, 990	87, 873	8, 049
United States.....	2, 963, 101	387, 454	53, 225	300, 885	1, 365	267, 160	12, 771	71, 186	8, 352	1, 250, 933	48, 748	1 <sup>15</sup> 1, 670, 378	1 <sup>16</sup> 246, 976
Alaska.....	2	0	0	0	0	0	0	0	216	1, 710	0	0	0
Hawaii.....	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico.....	0	4, 826	7, 116	1, 002	0	0	0	0	0	0	0	152	2, 559
Virgin Islands.....	9	0	0	0	0	0	0	0	6	0	337	0	0

See footnotes on page 679.

TABLE 721.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1950, and loans made during 1949, by selected lenders and by States<sup>1</sup>—Continued  
MADE DURING 1949

State and division	Insured commercial banks <sup>2</sup>	Agencies supervised by Farm Credit Administration				Farmers Home Administration			Rural Electrification Administration <sup>11</sup>		Commodity Credit Corporation <sup>14</sup>	
		Production credit associations <sup>3,4</sup>	Federal intermediate credit banks, loans to and discounts for private financing institutions <sup>3,5</sup>	Banks for cooperatives <sup>6</sup>	Agricultural Marketing Act revolving fund <sup>3</sup>	Production and subsistence loans <sup>7</sup>	Disaster loans <sup>8</sup>	Loans to cooperatives and defense relocation corporations <sup>10</sup>	Loans to cooperatives <sup>12</sup>	Other loans <sup>13</sup>	Loans to farmers	Loans to cooperatives
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4,376	203	15,979	0	1,138	26	0	157	0	12,626	0	0
New Hampshire.....	909	0	0	0	202	4	0	175	0	38	0	0
Vermont.....	6,418	321	410	0	279	48	0	298	0	0	0	0
Massachusetts.....	3,031	590	22,972	0	147	67	0	0	0	40	0	0
Rhode Island.....	577	0	0	0	18	11	0	0	0	40	0	0
Connecticut.....	4,093	0	1,986	0	37	26	0	0	0	98	0	0
New England.....	19,404	1,114	41,347	0	1,821	182	0	630	0	12,842	0	0
New York.....	30,707	7,591	8,614	0	1,568	56	0	121	0	10,123	0	0
New Jersey.....	5,690	289	344	0	603	180	0	114	0	825	0	0
Pennsylvania.....	15,381	0	6,018	0	1,765	0	0	1,724	0	3,140	0	0
Middle Atlantic.....	51,778	7,880	14,976	0	3,936	236	0	1,959	0	14,088	0	0
Ohio.....	32,789	3,033	7,948	0	1,253	0	0	3,230	222	30,595	0	0
Indiana.....	35,373	1,561	22,054	0	1,297	14	0	3,656	0	31,720	0	0
Illinois.....	46,233	3,798	5,108	0	2,091	0	0	9,135	0	116,066	0	0
Michigan.....	10,371	36	7,928	0	1,942	133	0	3,486	0	23,421	0	0
Wisconsin.....	20,889	3,402	18,479	0	2,869	1,133	0	12,326	0	1,586	1,483	0
East North Central.....	145,655	11,830	61,517	0	9,452	1,280	0	31,833	222	203,388	1,483	0
Minnesota.....	25,338	2,774	18,312	0	4,304	115	0	17,688	218	85,967	0	0
Iowa.....	34,868	2,378	8,225	0	1,985	0	0	18,812	0	249,963	0	0
Missouri.....	33,242	2,265	9,305	0	3,266	33	0	25,796	0	38,036	0	0
North Dakota.....	7,592	971	539	0	2,508	11	0	25,681	0	76,147	0	0
South Dakota.....	13,972	2,525	218	0	2,689	0	0	13,956	0	71,401	0	0
Nebraska.....	21,778	1,800	692	0	1,827	9	0	5,140	10,631	139,275	0	0
Kansas.....	21,707	1,931	11,497	0	2,389	420	0	13,681	0	166,657	0	0
West North Central.....	158,497	14,644	48,788	0	18,968	588	0	120,754	10,849	827,446	0	0

Delaware.....	1,786	0	0	0	55	0	0	294	0	1,302	0
Maryland.....	10,490	0	969	0	692	0	0	1,720	0	5,520	5,094
Dist. of Columbia.....	0	0	0	0	0	0	0	0	0	0	0
Virginia.....	9,795	112	9,507	0	1,385	4	0	4,774	0	2,345	1,787
West Virginia.....	2,244	0	34	0	669	7	0	141	0	46	0
North Carolina.....	24,847	484	2,426	0	5,686	8	0	8,780	0	15,966	39,866
South Carolina.....	14,359	55	83	0	3,820	257	0	4,680	162	16,707	0
Georgia.....	24,870	0	15,457	0	4,162	111	0	11,661	0	30,636	13,696
Florida.....	14,250	601	19,913	0	1,137	720	0	3,869	0	54	0
South Atlantic.....	102,641	1,252	48,389	0	17,606	1,107	0	35,919	162	72,576	60,443
Kentucky.....	15,154	64	906	0	1,517	0	0	11,760	0	6,731	28,100
Tennessee.....	12,685	1,738	11,893	0	1,785	0	0	12,494	1,186	15,423	10,295
Alabama.....	12,993	1,082	822	0	3,133	35	0	9,575	328	24,256	0
Mississippi.....	33,929	18,031	3,791	0	4,539	126	0	10,874	0	104,414	0
East South Central.....	74,761	20,915	17,412	0	10,974	161	0	44,703	1,514	150,824	38,395
Arkansas.....	24,084	2,600	17,850	0	4,007	293	0	9,716	0	59,526	0
Louisiana.....	19,666	2,176	14,837	0	2,881	0	0	4,179	267	25,449	0
Oklahoma.....	20,700	7,143	25,303	350	4,520	84	0	14,602	0	110,154	0
Texas.....	118,995	46,485	27,754	350	8,111	2,055	0	24,223	0	273,582	0
West South Central.....	183,445	58,404	85,744	700	19,519	2,432	0	52,720	267	468,711	0
Montana.....	27,845	254	81	0	2,197	148	66	4,129	0	47,966	0
Idaho.....	24,809	173	937	0	1,833	336	22	862	0	40,019	0
Wyoming.....	8,197	2,980	636	0	1,771	687	31	1,714	0	11,341	0
Colorado.....	27,970	5,846	1,308	0	2,485	693	111	2,996	2	53,742	0
New Mexico.....	10,775	3,143	847	0	1,320	0	30	5,310	0	26,051	0
Arizona.....	7,875	10,167	61	0	388	0	61	2,587	0	28,792	0
Utah.....	9,388	7,290	5,062	0	1,051	332	120	212	0	3,436	0
Nevada.....	3,023	749	0	0	193	286	21	0	6	130	0
Mountain.....	119,882	30,602	8,922	0	11,238	2,482	462	17,810	8	211,477	0
Washington.....	9,791	1,477	8,304	0	1,619	314	16	2,240	708	54,565	0
Oregon.....	24,931	734	6,982	0	1,199	156	5	2,776	15	18,495	0
California.....	55,655	15,683	37,470	0	1,920	1,746	0	660	757	90,091	0
Pacific.....	90,377	17,894	52,756	0	4,738	2,216	21	5,676	1,480	163,151	0
United States.....	946,440	164,535	379,851	700	98,252	17 10,814	483	312,004	14,502	18 2,019,657	19 255,155
Alaska.....	0	0	0	0	44	0	0	797	0	0	0
Hawaii.....	0	0	0	0	163	0	0	0	0	0	0
Puerto Rico.....	9,490	7,968	2,766	0	1,792	0	0	0	0	0	525
Virgin Islands.....	0	0	0	0	30	0	0	0	29	0	0

See footnotes on page 679.

TABLE 722.—*Insured commercial banks: Amount of agricultural loans outstanding, by types and by States, specified dates, 1948-50*<sup>1</sup>

State and division	Farm real estate loans					Personal and collateral loans <sup>2</sup>				
	1948		1949		1950	1948		1949		1950
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Maine.....	3,249	3,775	3,535	3,552	3,742	10,208	5,864	14,991	5,024	10,672
New Hampshire.....	1,371	1,505	1,481	1,475	1,604	2,304	2,194	1,969	2,290	2,019
Vermont.....	10,372	10,476	10,650	10,483	10,319	9,281	10,526	9,903	9,957	9,855
Massachusetts.....	2,048	1,809	1,957	2,047	2,123	3,668	3,890	4,861	4,313	5,288
Rhode Island.....	879	1,003	1,117	1,203	1,130	579	636	503	726	657
Connecticut.....	2,014	2,004	2,141	2,151	2,813	2,824	2,506	2,591	2,459	4,282
New England.....	19,933	20,572	20,881	20,911	21,731	28,864	25,616	34,818	24,769	32,773
New York.....	27,746	27,948	28,511	29,234	29,692	43,125	51,778	53,434	56,896	57,735
New Jersey.....	5,667	5,937	6,164	6,500	12,691	6,585	8,352	7,841	9,100	9,172
Pennsylvania.....	38,931	43,162	43,858	46,497	47,200	28,930	33,243	38,265	38,357	41,335
Middle Atlantic.....	72,344	77,047	78,533	82,231	89,583	78,640	93,373	99,540	104,353	108,242
Ohio.....	65,900	70,041	70,253	69,676	69,965	42,377	49,135	53,896	58,937	65,895
Indiana.....	41,363	42,978	43,394	43,107	43,374	42,933	51,965	56,094	69,885	65,870
Illinois.....	29,463	31,353	31,968	32,188	32,044	84,837	90,322	123,546	170,164	140,740
Michigan.....	30,827	35,395	35,679	36,167	36,113	35,471	44,259	45,608	49,260	51,794
Wisconsin.....	40,721	43,947	44,573	47,156	48,042	39,937	47,748	49,002	56,305	57,756
East North Central.....	211,274	223,714	225,867	228,294	229,538	245,555	283,429	328,146	404,551	382,055
Minnesota.....	27,036	28,979	29,045	30,365	31,452	60,458	75,020	107,680	129,835	141,530
Iowa.....	42,157	47,188	47,120	48,873	49,532	110,981	123,871	208,375	253,741	243,390
Missouri.....	34,505	36,973	35,669	37,230	36,121	78,836	101,311	137,177	125,465	156,328
North Dakota.....	2,112	2,459	2,444	2,848	2,801	16,878	21,324	62,828	31,049	59,731
South Dakota.....	3,154	3,620	3,472	3,856	4,043	33,163	41,408	72,418	71,109	67,800
Nebraska.....	8,207	8,597	7,924	8,287	8,415	81,293	79,077	146,817	140,203	160,402
Kansas.....	14,296	15,231	14,706	15,416	15,745	89,367	100,888	185,308	121,145	198,864
West North Central.....	131,467	143,047	140,380	146,875	148,109	470,976	542,899	920,603	872,547	1,028,045
Delaware.....	4,944	6,056	5,987	6,165	6,603	2,232	2,379	2,426	2,819	3,107
Maryland.....	16,466	15,191	15,210	16,064	16,132	7,837	9,260	10,449	10,640	10,502
District of Columbia.....	105	132	140	111	118	21	18	24	18	15
Virginia.....	24,826	26,525	27,718	27,805	28,177	21,737	27,662	26,997	31,050	27,223
West Virginia.....	9,104	9,849	10,124	9,942	10,170	4,827	5,791	5,578	6,485	5,749
North Carolina.....	17,175	19,781	19,196	21,445	20,649	9,262	26,445	19,496	37,391	15,144
South Carolina.....	4,272	5,010	4,887	5,547	5,822	5,746	13,681	21,173	28,721	12,188
Georgia.....	15,932	18,983	16,919	20,261	19,013	25,552	36,097	41,164	49,809	42,716
Florida.....	6,346	6,649	6,750	6,131	6,482	9,509	8,746	9,833	8,547	11,122
South Atlantic.....	99,170	108,176	106,931	113,478	113,166	86,723	130,079	137,140	175,480	127,766
Kentucky.....	37,515	41,273	42,206	43,286	45,010	32,167	37,229	38,786	42,207	45,394
Tennessee.....	26,821	28,572	27,678	29,426	29,489	27,922	41,365	69,061	73,590	45,963
Alabama.....	11,593	13,499	12,755	14,516	14,319	21,837	40,802	60,531	70,541	41,205
Mississippi.....	11,669	14,030	11,610	13,639	13,467	15,661	27,597	41,907	43,660	29,105
East South Central.....	87,598	97,374	94,249	100,867	102,285	97,587	146,993	210,285	230,358	161,671
Arkansas.....	9,540	10,117	9,266	10,193	9,205	21,419	39,715	68,735	73,553	49,559
Louisiana.....	9,157	10,406	9,506	10,524	10,332	9,419	14,730	33,410	31,279	28,331
Oklahoma.....	9,382	10,231	9,573	10,001	9,726	55,291	76,623	102,088	92,457	132,336
Texas.....	26,623	28,399	26,736	26,664	26,565	155,851	202,115	247,300	254,814	380,054
West South Central.....	54,702	59,153	55,081	57,382	55,828	241,980	333,183	451,533	452,103	590,280
Montana.....	2,219	2,533	2,169	2,412	2,316	22,590	32,037	66,332	36,063	37,831
Idaho.....	3,385	3,839	3,686	3,939	3,812	19,383	25,339	41,853	28,506	46,925
Wyoming.....	2,269	2,341	2,055	2,016	1,942	14,921	19,181	17,550	21,519	22,687
Colorado.....	4,976	4,931	4,743	4,711	4,697	59,857	58,306	84,514	63,465	93,374
New Mexico.....	1,909	2,204	1,898	2,051	2,188	15,851	20,102	22,555	24,654	25,190
Arizona.....	3,005	2,395	2,223	2,208	2,025	22,369	18,913	26,769	15,931	25,989
Utah.....	7,016	7,043	7,060	7,580	7,150	20,189	21,767	23,187	21,927	24,264
Nevada.....	1,345	1,271	1,274	1,223	1,025	4,748	5,292	4,516	4,583	4,025
Mountain.....	26,124	26,557	25,108	26,140	25,155	179,938	200,937	287,066	219,648	280,285

See footnotes at end of table.

TABLE 722.—*Insured commercial banks: Amount of agricultural loans outstanding, by types and by States, specified dates, 1948-50*<sup>1</sup>—Continued

State and division	Farm real estate loans					Personal and collateral loans <sup>2</sup>				
	1948		1949		1950	1948		1949		1950
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	12,913	13,459	12,984	13,723	13,947	21,341	29,205	71,678	31,701	61,455
Oregon.....	7,100	8,304	8,288	8,812	8,492	17,987	27,436	41,694	29,839	26,577
California.....	70,851	79,640	79,539	79,683	77,657	140,081	162,921	192,372	188,342	163,952
Pacific.....	90,864	101,403	100,811	102,218	100,096	179,409	219,562	305,744	249,882	251,984
United States.....	793,476	857,043	847,841	878,396	885,491	1,609,672	1,976,071	2,774,875	2,733,691	2,963,101
Territories <sup>3</sup> .....	63	63	71	80	126	16	15	13	12	11

<sup>1</sup> Loans classified by location of bank and not by location of security or borrower, as in the case of other lenders.

<sup>2</sup> Also includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$975,832,000 on Jan. 1, 1950.

<sup>3</sup> Alaska, Hawaii, and Virgin Islands.

Bureau of Agricultural Economics. Compiled from reports of the Federal Deposit Insurance Corporation.

## FOOTNOTES FOR TABLE 721:

<sup>1</sup> Commercial bank loans are classified by location of bank; those of federally sponsored agencies by location of security or borrower.

<sup>2</sup> Also includes loans to individuals covered by purchase agreements with Commodity Credit Corporation and certificates of participation in pool of cotton growers' notes. Such loans and certificates totaled \$975,832,000 on January 1, 1950. Data not available for loans "made."

<sup>3</sup> Loans "made" include renewals.

<sup>4</sup> Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.

<sup>5</sup> Excludes loans to and discounts for production credit associations and banks for cooperatives. Loans "made" include \$7,500,000 and \$2,400,000 to cooperatives in New York and California, respectively. Loans "outstanding" include \$2,000,000 to cooperatives in New York and \$400,000 to cooperatives in California.

<sup>6</sup> Also includes loans secured by Commodity Credit Corporation documents.

<sup>7</sup> Loans "outstanding" also include rural rehabilitation, water facility, construction, and wartime adjustment loans and loans from State Corporation trust funds. Loans "made" include water facility loans and loans from State Corporation trust funds.

<sup>8</sup> Loans "outstanding" also include flood damage, fur, and flood and windstorm restoration loans and loans formerly made by the Regional Agricultural Credit Corporation. Loans "made" also include flood damage and fur loans.

<sup>9</sup> Also includes drought relief and orchard-rehabilitation loans. Loans are in liquidation and no new loans are being made.

<sup>10</sup> Loans "outstanding" also include loans made from State Corporation trust funds. Loans "made" were exclusively to water facility cooperative associations.

<sup>11</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances, after deducting unused funds.

<sup>12</sup> Approximately 79 percent of individuals served by these cooperatives are farmers.

<sup>13</sup> Principally loans to public bodies and to power companies for rural electrification.

<sup>14</sup> Includes loans made directly by Commodity Credit Corporation and guaranteed loans made by other lending agencies. Guaranteed loans held by insured commercial banks are included even though they are also included under banks. As far as possible, loans have been distributed according to location of producer receiving loan. Loans to cooperative associations have been distributed according to location of association.

<sup>15</sup> Includes \$29,643,000 which cannot be allocated by States.

<sup>16</sup> Includes \$3,819,000 which cannot be allocated by States.

<sup>17</sup> Includes \$129,881 advanced by Farm Credit Administration from Jan. 1 through Apr. 15, 1949, which cannot be allocated by States.

<sup>18</sup> Excludes \$104,846,000, a "credit" adjustment which cannot be allocated by States.

<sup>19</sup> Includes \$154,834,000 which cannot be allocated by States.

Bureau of Agricultural Economics.

TABLE 723.—*Farm Credit Administration: Loans and discounts made, 1929-49*<sup>1</sup>

Year	Farm-mortgage loans <sup>2</sup>			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Total	Federal intermediate credit banks (direct) <sup>4</sup>	Banks for cooperatives, including Central Bank <sup>5</sup>	Agricultural Marketing Act revolving fund <sup>6</sup>	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929	64,252	64,252	64,252	43,588	14,823	58,411	58,411
1930	47,971	47,971	47,971	109,927	193,395	303,322	303,322
1931	42,015	42,015	42,015	145,127	126,773	271,900	271,900
1932	27,570	27,570	27,570	89,245	34,489	123,734	123,734
1933	151,634	70,812	222,446	27,910	27,144	40,687	95,741
1934	736,367	553,136	1,283,503	57,369	40,371	9,555	107,295
1935	248,671	196,396	445,067	44,509	66,348	7,402	118,259
1936	109,170	77,258	186,428	3,755	81,294	20,450	105,499
1937	63,092	40,020	103,112	5,129	97,585	5,935	108,649
1938	51,419	29,395	80,814	2,668	94,946	7,910	105,524
1939	51,582	27,417	78,999	4,155	83,360	1,214	88,729
1940	64,275	36,664	100,939	4,593	101,231	3,094	108,918
1941	65,068	37,533	102,601	5,651	181,570	3,990	191,211
1942	53,974	28,534	82,508	9,397	252,380	5,017	266,794
1943	61,900	30,497	92,397	5,000	398,581	1,417	404,998
1944	70,275	35,017	105,292	3,402	363,637	809	367,848
1945	92,986	29,462	122,448	4,032	333,702	660	338,394
1946	130,162	15,035	145,197	11,579	399,769	975	412,323
1947	138,764	10,606	149,370	14,128	530,248	1,400	545,776
1948	150,514	17	150,531	13,639	494,678	1,000	509,317
1949	182,357	19	182,376	9,900	382,617	700	393,217

Year	Other loans and discounts				Net total
	Federal intermediate credit banks loans to and discounts for— <sup>4</sup>		Production credit associations <sup>8</sup>	Total	
	PCA's and BC's <sup>6</sup>	Other financing institutions <sup>7</sup>			
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929		94,668		94,668	217,331
1930		109,047		109,047	460,340
1931		122,867		122,867	436,782
1932		151,578		151,578	302,882
1933	27	250,736	27	250,790	568,950
1934	110,162	238,383	107,216	455,761	1,736,397
1935	220,204	149,443	196,306	565,953	909,075
1936	271,700	106,206	228,090	605,996	626,223
1937	342,978	101,458	286,520	730,956	599,739
1938	370,888	90,466	302,154	763,508	578,958
1939	381,222	86,558	320,483	788,263	574,769
1940	419,072	88,593	349,383	857,048	647,833
1941	539,297	102,261	418,195	1,059,753	814,268
1942	696,522	110,078	477,715	1,284,315	937,095
1943	827,473	94,962	501,212	1,423,647	1,093,569
1944	792,462	81,744	490,477	1,364,683	1,045,361
1945	759,936	74,491	516,116	1,350,543	1,051,449
1946	922,816	88,092	614,613	1,625,521	1,260,225
1947	1,126,164	112,832	757,611	1,996,607	1,565,589
1948	1,366,734	165,710	924,314	2,456,758	1,749,872
1949	1,416,948	162,594	955,930	2,535,472	1,694,117

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes purchase money mortgages and sales contracts.<sup>3</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> Includes renewals.<sup>5</sup> Does not include advances in connection with the Commodity Credit Corporation program.<sup>6</sup> In order to eliminate interagency transactions, the amounts of these loans and discounts for production credit associations, and banks for cooperatives are excluded from the net total.<sup>7</sup> Includes \$109,718,494 in 1933, \$113,434,701 in 1934, and \$32,534,185 in 1935 for loans made to regional agricultural credit corporations.<sup>8</sup> Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

Farm Credit Administration.



TABLE 724.—*Farm Credit Administration: Loans and discounts outstanding, Jan. 1, 1930-50*<sup>1</sup>

Year	Farm-mortgage loans <sup>2</sup>			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Total	Federal intermediate credit banks (direct)	Banks for cooperatives, including Central Bank	Agricultural Marketing Act revolving fund	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1930	1,198,514		1,198,514	26,073		14,510	40,583
1931	1,189,604		1,189,604	64,377		136,698	201,075
1932	1,167,898		1,167,898	45,177		156,280	201,457
1933	1,128,564		1,128,564	9,866		158,885	168,751
1934	1,232,707	70,738	1,303,445	15,211	18,697	157,752	191,660
1935	1,915,792	616,825	2,532,617	33,969	27,850	54,863	116,682
1936	2,071,925	794,726	2,866,651	2,731	50,013	44,433	97,177
1937	2,064,158	836,779	2,900,937	1,641	69,647	53,754	125,042
1938	2,035,307	812,749	2,848,056	1,813	87,633	30,982	120,428
1939	1,982,224	752,851	2,735,075	920	87,496	23,723	112,139
1940	1,904,655	690,880	2,595,535	1,835	76,252	20,547	98,634
1941	1,851,218	648,296	2,499,514	1,490	74,741	16,461	92,692
1942	1,764,398	596,802	2,361,200	2,152	113,444	16,914	132,510
1943	1,602,846	512,198	2,115,044	2,000	144,643	12,551	159,194
1944	1,357,938	406,190	1,764,128	2,070	235,174	7,351	244,525
1945	1,136,928	329,700	1,466,628	700	212,835	3,067	216,602
1946	1,027,587	228,397	1,255,984	2,042	157,545	2,693	162,280
1947	944,421	140,127	1,084,548	4,151	181,550	2,232	187,933
1948	869,425	103,195	972,620	4,000	274,777	2,602	281,379
1949	856,573	75,237	931,810	4,709	304,684	1,315	310,708
1950	899,475	56,726	956,201	2,400	301,887	1,365	305,652

Year	Other loans and discounts				Net total
	Federal intermediate credit banks loans to and discounts for—		Production credit associations <sup>6</sup>	Total	
	PCA's and BC's <sup>4</sup>	Other financing institutions <sup>5</sup>			
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1930		50,018		50,018	1,289,115
1931		65,633		65,633	1,456,312
1932		74,692		74,692	1,444,047
1933		82,518		82,518	1,379,833
1934	27	134,225	27	134,279	1,629,357
1935	61,024	94,323	60,852	216,199	2,504,474
1936	104,706	47,162	93,911	245,779	3,104,901
1937	129,872	41,017	105,088	275,977	3,172,084
1938	165,194	40,464	137,349	343,007	3,146,297
1939	168,392	33,545	145,479	347,416	3,026,238
1940	165,236	33,354	153,675	352,265	2,881,198
1941	186,932	34,102	171,866	392,900	2,798,174
1942	226,017	39,222	187,497	452,736	2,720,429
1943	272,964	39,059	184,663	496,686	2,497,960
1944	308,671	35,778	198,735	543,184	2,243,166
1945	267,135	31,198	191,684	490,017	1,906,112
1946	241,879	27,870	198,887	468,636	1,645,021
1947	276,461	34,244	233,907	544,612	1,540,632
1948	334,087	42,909	293,608	670,604	1,590,516
1949	425,468	61,465	371,825	858,758	1,675,808
1950	423,038	57,941	392,280	873,259	1,712,074

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.<sup>3</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> In order to eliminate interagency transactions, the amounts of these loans and discounts for production credit associations, and banks for cooperatives are excluded from the net total.<sup>5</sup> Includes \$73,236,427 in 1933 and \$38,650,661 in 1934 for loans outstanding to regional agricultural credit corporations.<sup>6</sup> Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

Farm Credit Administration.

TABLE 725.—Federal land banks: Number of national farm loan associations on Jan. 1, 1950; number and amount of loans made during 1949, and number and amount of loans outstanding, Jan. 1, 1950<sup>1</sup>

State and division	National farm loan associations, Jan. 1, 1950	Loans made during 1949		Loans outstanding, Jan. 1, 1950			
		Federal land banks		Federal land banks		Land Bank Commissioner <sup>2</sup>	
	Number	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars
Maine.....	7	113	402	1,252	2,435	476	372
New Hampshire.....	1	70	243	622	1,530	206	141
Vermont.....	8	301	1,030	1,793	5,578	385	279
Massachusetts.....	8	192	703	2,343	5,936	629	653
Rhode Island.....	1	24	114	301	908	68	95
Connecticut.....	4	103	452	1,578	4,763	462	558
New England.....	29	803	2,944	7,889	21,150	2,226	2,098
New York.....	28	937	3,642	9,845	26,455	2,447	2,106
New Jersey.....	7	201	1,139	2,407	7,764	815	976
Pennsylvania.....	12	453	2,098	5,176	11,392	880	736
Middle Atlantic.....	47	1,591	6,879	17,428	45,601	4,142	3,818
Ohio.....	31	828	4,104	6,831	17,491	926	676
Indiana.....	36	1,160	5,034	9,479	21,529	1,177	807
Illinois.....	45	1,579	10,953	10,696	51,856	1,144	1,285
Michigan.....	47	1,495	5,218	10,063	22,698	2,150	1,573
Wisconsin.....	42	1,634	7,023	11,265	33,124	3,114	3,489
East North Central.....	201	6,696	32,332	48,334	146,598	8,511	7,830
Minnesota.....	62	1,842	9,078	14,759	47,832	3,127	2,945
Iowa.....	82	2,004	14,737	17,620	82,316	1,238	1,477
Missouri.....	30	1,275	4,671	8,393	21,539	2,237	1,754
North Dakota.....	32			4,223	10,451	2,100	2,322
South Dakota.....	33	1,530	7,152	8,722	29,229	1,070	1,150
Nebraska.....	61	1,654	9,058	12,219	46,701	1,308	1,721
Kansas.....	48	1,429	6,964	9,350	29,794	1,838	1,631
West North Central.....	348	9,734	51,660	75,286	267,862	12,918	13,000
Delaware.....	1	32	180	158	592	60	44
Maryland.....	5	129	771	1,284	4,101	284	289
Virginia.....	13	262	1,224	3,669	8,410	495	442
West Virginia.....	4	106	559	1,987	3,633	323	255
North Carolina.....	21	1,289	3,186	7,641	14,212	2,064	1,271
South Carolina.....	17	729	2,261	5,279	9,631	1,717	1,098
Georgia.....	29	1,522	3,964	9,458	16,191	2,972	1,622
Florida.....	12	313	1,645	2,928	9,527	1,206	1,042
South Atlantic.....	102	4,382	13,790	32,434	66,297	9,121	6,063
Kentucky.....	25	487	2,425	4,149	10,220	890	607
Tennessee.....	21	624	2,267	5,351	10,209	1,090	634
Alabama.....	29	1,966	4,649	11,946	18,653	2,235	925
Mississippi.....	31	1,859	4,594	10,616	19,562	1,988	932
East South Central.....	106	4,936	13,935	32,062	58,644	6,203	3,098
Arkansas.....	20	810	2,497	5,773	10,946	1,288	800
Louisiana.....	24	546	2,014	5,185	11,995	1,002	658
Oklahoma.....	31	1,251	4,762	7,927	19,316	2,269	1,251
Texas.....	142	2,908	15,771	33,231	91,784	6,048	4,766
West South Central.....	217	5,515	25,044	52,116	134,041	10,607	7,535
Montana.....	19	433	2,657	3,292	11,594	1,030	1,172
Idaho.....	16	725	3,598	4,300	13,954	1,059	1,038
Wyoming.....	22	231	1,429	1,976	7,800	415	419
Colorado.....	17	671	3,985	4,382	15,365	1,161	957
New Mexico.....	11	194	972	1,934	5,545	455	393
Arizona.....	3	91	729	1,119	5,601	283	329
Utah.....	8	209	1,123	2,259	6,759	630	550
Nevada.....	1	25	189	210	1,349	58	69
Mountain.....	97	2,579	14,682	19,472	67,987	5,091	4,927

See footnotes at end of table.

TABLE 725.—Federal land banks: Number of national farm loan associations on Jan. 1, 1950; number and amount of loans made during 1949, and number and amount of loans outstanding, Jan. 1, 1950<sup>1</sup>—Continued

State and division	National farm loan associations, Jan. 1, 1950	Loans made during 1949		Loans outstanding, Jan. 1, 1950			
		Federal land banks		Federal land banks		Land Bank Commissioner <sup>2</sup>	
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Washington.....	19	668	3,319	4,434	13,767	995	896
Oregon.....	16	584	3,187	3,626	13,428	915	981
California.....	42	1,773	12,852	9,593	53,894	3,530	4,730
Pacific.....	77	3,025	19,358	17,653	81,089	5,440	6,607
United States.....	1,224	39,261	180,624	302,674	889,249	64,259	54,976
Puerto Rico.....		261	1,733	2,871	10,226	1,173	1,750
Total.....	1,224	39,522	182,357	305,545	899,475	65,432	56,726

<sup>1</sup> Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

<sup>2</sup> Land Bank Commissioner loans were made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired on July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.

TABLE 726.—Federal land banks: Amount of debt owed by farm owners and secured by farm real estate, by States, Jan. 1, 1949 and 1950

State and division	Mortgages outstanding				Total debt	
	Mortgage loans		Purchase money mortgages, real estate sales contracts and notes receivable			
	1949	1950	1949	1950	1949	1950
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,391	2,435	291	235	2,682	2,670
New Hampshire.....	1,456	1,530	26	21	1,482	1,551
Vermont.....	5,072	5,578	43	35	5,115	5,613
Massachusetts.....	5,874	5,936	188	156	6,062	6,092
Rhode Island.....	936	908	4	4	940	912
Connecticut.....	4,932	4,763	33	24	4,965	4,787
New England.....	20,661	21,150	585	475	21,246	21,625
New York.....	25,978	26,455	667	549	26,645	27,004
New Jersey.....	7,705	7,754	118	94	7,823	7,848
Pennsylvania.....	11,073	11,392	294	227	11,367	11,619
Middle Atlantic.....	44,756	45,601	1,079	870	45,835	46,471
Ohio.....	16,257	17,491	193	156	16,450	17,647
Indiana.....	20,194	21,529	667	542	20,861	22,071
Illinois.....	49,927	51,856	398	283	50,325	52,139
Michigan.....	20,682	22,598	503	401	21,185	22,999
Wisconsin.....	31,286	33,124	1,134	905	32,420	34,029
East North Central.....	138,346	146,598	2,895	2,287	141,241	148,885
Minnesota.....	47,058	47,832	1,527	1,213	48,585	49,045
Iowa.....	80,965	82,316	720	550	81,685	82,866
Missouri.....	20,276	21,539	443	346	20,719	21,885
North Dakota.....	11,720	10,451	2,271	1,821	13,991	12,272
South Dakota.....	26,403	29,229	1,144	814	27,547	30,043
Nebraska.....	45,414	46,701	872	695	46,286	47,396
Kansas.....	28,181	29,794	599	423	28,780	30,217
West North Central.....	260,017	267,862	7,576	5,862	267,593	273,724
Delaware.....	499	592	4	4	503	596
Maryland.....	3,850	4,101	56	42	3,906	4,143
Virginia.....	8,451	8,410	138	104	8,589	8,514
West Virginia.....	3,488	3,633	93	77	3,581	3,710
North Carolina.....	13,092	14,212	279	227	13,371	14,439
South Carolina.....	8,624	9,631	296	244	8,920	9,875
Georgia.....	14,349	16,191	451	338	14,800	16,529
Florida.....	8,911	9,527	206	158	9,117	9,685
South Atlantic.....	61,264	66,297	1,523	1,194	62,787	67,491
Kentucky.....	9,624	10,220	179	140	9,803	10,360
Tennessee.....	9,618	10,209	97	75	9,715	10,284
Alabama.....	16,475	18,653	492	379	16,967	19,032
Mississippi.....	17,814	19,562	866	673	18,680	20,235
East South Central.....	53,531	58,644	1,634	1,267	55,165	59,911
Arkansas.....	10,189	10,946	337	253	10,526	11,199
Louisiana.....	11,494	11,995	322	325	11,816	12,320
Oklahoma.....	17,955	19,316	127	98	18,082	19,414
Texas.....	90,194	91,784	1,804	1,423	91,998	93,207
West South Central.....	129,832	134,041	2,590	2,099	132,422	136,140
Montana.....	10,674	11,594	405	292	11,079	11,886
Idaho.....	12,300	13,954	609	463	12,909	14,417
Wyoming.....	7,522	7,800	91	77	7,613	7,877
Colorado.....	14,110	15,365	291	212	14,401	15,577
New Mexico.....	5,552	5,545	17	11	5,569	5,556
Arizona.....	5,641	5,601	68	57	5,709	5,658
Utah.....	6,588	6,759	396	334	6,984	7,093
Nevada.....	1,334	1,349	100	61	1,434	1,410
Mountain.....	63,721	67,967	1,977	1,507	65,698	69,474
Washington.....	12,324	13,767	517	387	12,841	14,154
Oregon.....	12,151	13,428	304	238	12,455	13,666
California.....	50,294	53,894	497	426	50,791	54,320
Pacific.....	74,769	81,089	1,318	1,051	76,087	82,140
United States.....	846,897	889,249	21,177	16,612	868,155	906,077

<sup>1</sup> Includes loans in process of foreclosure amounting to \$81,000 as of Jan. 1, 1949, and \$216,000 as of Jan. 1, 1950, which cannot be allocated by States.

Farm Credit Administration.

TABLE 727.—Federal Farm Mortgage Corporation: Amount of outstanding debt owed by farm owners and secured by farm real estate, by States, Jan. 1, 1949 and 1950

State and division	Mortgage loans <sup>1</sup>		Purchase money mortgages, real estate contracts and notes receivable		Total debt	
	1949	1950	1949	1950	1949	1950
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	499	372	97	75	596	447
New Hampshire.....	185	141	19	18	204	159
Vermont.....	392	279	6	1	398	280
Massachusetts.....	874	653	109	88	983	741
Rhode Island.....	133	95	6	4	139	99
Connecticut.....	705	558	20	18	725	576
New England.....	2,788	2,098	257	204	3,045	2,302
New York.....	2,665	2,106	124	112	2,789	2,218
New Jersey.....	1,269	976	65	53	1,334	1,029
Pennsylvania.....	1,003	736	60	47	1,063	783
Middle Atlantic.....	4,937	3,818	249	212	5,186	4,030
Ohio.....	965	676	54	44	1,019	720
Indiana.....	1,130	807	82	69	1,212	876
Illinois.....	1,789	1,285	81	63	1,870	1,348
Michigan.....	2,107	1,573	111	88	2,218	1,661
Wisconsin.....	4,533	3,489	236	180	4,769	3,669
East North Central.....	10,524	7,830	564	444	11,088	8,274
Minnesota.....	3,964	2,945	333	250	4,297	3,195
Iowa.....	2,215	1,477	63	34	2,278	1,511
Missouri.....	2,215	1,754	57	47	2,272	1,801
North Dakota.....	2,768	2,322	758	613	3,526	2,935
South Dakota.....	1,585	1,150	214	167	1,799	1,317
Nebraska.....	2,526	1,721	263	187	2,789	1,908
Kansas.....	2,164	1,631	341	235	2,505	1,866
West North Central.....	17,437	13,000	2,029	1,533	19,466	14,533
Delaware.....	58	44	6	5	64	49
Maryland.....	407	289	45	37	452	326
Virginia.....	622	442	40	32	662	474
West Virginia.....	355	255	10	8	365	263
North Carolina.....	1,778	1,271	65	53	1,843	1,324
South Carolina.....	1,477	1,098	91	81	1,568	1,179
Georgia.....	2,300	1,622	140	112	2,440	1,734
Florida.....	1,335	1,042	136	122	1,471	1,164
South Atlantic.....	8,332	6,063	533	450	8,865	6,513
Kentucky.....	845	607	50	36	895	643
Tennessee.....	905	634	46	36	951	670
Alabama.....	1,280	925	42	32	1,322	957
Mississippi.....	1,255	932	51	40	1,306	972
East South Central.....	4,285	3,098	189	144	4,474	3,242
Arkansas.....	1,082	860	26	23	1,108	883
Louisiana.....	870	658	17	16	887	674
Oklahoma.....	1,728	1,251	60	43	1,788	1,294
Texas.....	6,241	4,766	236	189	6,477	4,955
West South Central.....	9,921	7,535	339	271	10,260	7,806
Montana.....	1,525	1,172	43	33	1,568	1,205
Idaho.....	1,347	1,038	68	46	1,415	1,084
Wyoming.....	603	419	49	37	652	456
Colorado.....	1,310	957	59	36	1,369	993
New Mexico.....	520	393	1	(2)	521	393
Arizona.....	403	329	3	3	406	332
Utah.....	683	550	45	41	728	591
Nevada.....	87	69	1	1	88	70
Mountain.....	6,478	4,927	269	197	6,747	5,124
Washington.....	1,177	896	44	29	1,221	925
Oregon.....	1,288	981	30	20	1,318	1,001
California.....	6,040	4,730	136	105	6,176	4,835
Pacific.....	8,505	6,607	210	154	8,715	6,761
United States.....	73,207	54,976	4,639	3,609	<sup>3</sup> 77,920	<sup>3</sup> 58,650

<sup>1</sup> Represents loans made by the Land Bank Commissioner on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made. <sup>2</sup> Less than \$500.

<sup>3</sup> Includes loans in process of foreclosure and loans in suspense, amounting to \$74,000 as of Jan. 1, 1949 and \$65,000 as of Jan. 1, 1950, which cannot be allocated by States.

Farm Credit Administration.

TABLE 728.—Federal land bank and Land Bank Commissioner loans: Number "delinquent and/or extended" as a percentage of number outstanding, by States, Jan. 1, 1947-50<sup>1</sup>

State and division	Federal land bank loans				Land Bank Commissioner loans <sup>2</sup>			
	1947	1948	1949	1950	1947	1948	1949	1950
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....	14.8	8.9	4.7	7.3	16.4	11.9	9.3	11.8
New Hampshire.....	7.8	8.7	6.3	5.5	11.8	15.9	11.1	14.6
Vermont.....	8.0	9.6	8.0	11.0	9.6	14.4	14.1	19.5
Massachusetts.....	4.0	3.9	3.6	4.9	7.2	8.1	7.1	9.5
Rhode Island.....	3.4	5.5	3.9	3.7	10.3	13.0	10.3	5.9
Connecticut.....	5.0	6.2	5.4	4.6	9.9	11.5	8.2	8.7
New England.....	7.2	6.8	5.3	6.6	10.7	11.6	9.5	11.9
New York.....	5.5	6.2	4.9	5.5	8.2	9.5	8.3	9.7
New Jersey.....	5.9	6.4	5.6	6.1	10.1	10.3	9.5	10.8
Pennsylvania.....	4.6	4.2	3.6	4.7	4.9	5.1	5.4	9.0
Middle Atlantic.....	5.3	5.6	4.6	5.3	7.7	8.6	7.9	9.8
Ohio.....	2.7	2.7	2.5	2.5	4.3	6.9	6.2	7.1
Indiana.....	1.8	1.9	2.1	2.2	2.8	3.7	4.1	5.3
Illinois.....	1.7	1.9	2.3	2.7	4.1	4.9	6.0	6.6
Michigan.....	3.4	4.1	4.7	5.7	6.1	7.8	8.9	13.3
Wisconsin.....	3.2	4.1	5.0	6.7	6.4	8.2	10.1	16.5
East North Central.....	2.5	2.9	3.4	4.1	5.1	6.8	7.9	11.8
Minnesota.....	2.4	2.7	3.2	4.9	4.7	5.2	6.0	10.0
Iowa.....	2.0	1.8	1.3	2.1	5.6	5.0	3.7	5.8
Missouri.....	2.3	2.3	2.3	2.5	3.3	3.9	3.6	3.8
North Dakota.....	3.4	3.5	4.2	6.3	5.1	4.4	4.9	10.4
South Dakota.....	2.0	1.6	1.5	2.4	4.9	4.0	4.3	6.4
Nebraska.....	3.1	1.8	1.8	2.6	7.7	4.3	4.5	5.3
Kansas.....	2.9	2.3	2.5	3.8	6.9	6.3	7.1	10.2
West North Central.....	2.5	2.2	2.2	3.3	5.4	4.8	5.0	7.9
Delaware.....	0.5	0.5	3.2	1.1	0.9	1.1	6.8	-----
Maryland.....	2.6	2.6	3.8	4.0	4.0	4.6	7.4	7.4
Virginia.....	5.7	5.6	6.2	5.6	6.0	6.4	8.5	8.5
West Virginia.....	4.7	4.6	4.7	5.4	7.1	6.4	7.0	8.4
North Carolina.....	13.4	12.5	11.7	12.4	15.5	16.7	18.2	19.6
South Carolina.....	14.5	15.6	14.7	19.6	17.9	22.4	23.3	30.6
Georgia.....	12.2	12.8	13.0	13.3	14.9	17.9	18.2	22.6
Florida.....	5.1	5.9	6.5	5.9	6.7	8.3	11.4	11.0
South Atlantic.....	10.2	10.6	10.6	12.2	13.4	15.8	17.0	20.0
Kentucky.....	4.3	3.7	4.0	4.2	5.2	5.6	5.5	8.1
Tennessee.....	5.0	4.8	5.0	5.7	6.5	6.4	6.5	7.4
Alabama.....	2.7	8.9	7.9	13.1	13.3	10.9	11.9	20.6
Mississippi.....	5.2	11.1	8.3	18.0	21.3	16.4	14.0	29.9
East South Central.....	4.1	8.1	7.0	12.4	13.2	11.2	10.7	19.5
Arkansas.....	4.1	3.4	3.4	5.1	5.3	5.5	5.0	8.3
Louisiana.....	14.1	12.6	11.7	13.3	19.0	15.0	15.5	19.6
Oklahoma.....	4.6	3.6	2.9	3.5	6.8	7.1	6.1	6.2
Texas.....	0.2	0.2	0.2	0.1	4.0	2.1	3.8	3.1
West South Central.....	2.5	2.2	2.1	2.5	6.3	5.0	5.6	6.0
Montana.....	6.6	5.8	6.6	10.5	10.4	8.1	14.0	16.6
Idaho.....	6.0	4.9	6.7	10.2	9.6	7.4	12.0	14.8
Wyoming.....	5.2	4.4	4.5	6.4	9.8	8.0	6.8	12.8
Colorado.....	6.2	4.6	6.2	6.9	8.8	6.8	10.0	10.9
New Mexico.....	6.2	6.9	5.6	4.7	8.7	11.3	7.3	8.1
Arizona.....	7.1	6.1	8.2	8.9	7.9	7.9	15.2	13.4
Utah.....	6.5	6.5	7.0	6.8	9.6	9.4	11.1	11.7
Nevada.....	4.0	3.4	2.8	2.4	6.7	6.0	6.1	6.9
Mountain.....	6.2	5.4	6.3	8.0	9.4	8.0	11.1	13.0
Washington.....	5.8	6.4	7.7	11.5	8.0	9.3	13.9	15.9
Oregon.....	4.0	3.9	5.1	8.1	5.4	5.9	9.8	10.7
California.....	2.6	3.2	4.1	5.2	4.3	5.6	7.7	10.4
Pacific.....	3.7	4.2	5.2	7.4	5.1	6.3	9.2	11.4
United States.....	3.9	4.4	4.4	5.9	8.2	8.3	9.0	11.9

<sup>1</sup> Continental United States only. Excludes purchase-money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.<sup>2</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation.

Farm Credit Administration.

TABLE 729.—*Production credit associations: Number of associations and number wholly farmer-owned, Jan. 1, 1950; loans made during 1949, and loans outstanding on specified dates, 1948-50, by States*

State and division	Production credit associations, Jan. 1, 1950		Loans made <sup>1</sup>		Loans outstanding				
	Total	Number wholly farmer owned	1949		1948		1949		1950
			Jan. 1- June 30	July 1- Dec. 31	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	7	-----	2,178	2,198	2,449	2,873	2,336	2,248	3,079
New Hampshire.....	1	-----	507	402	528	557	497	532	503
Vermont.....	3	2	3,210	3,208	2,964	3,593	3,604	3,832	3,846
Massachusetts.....	4	2	1,792	1,239	1,555	2,080	1,598	2,026	1,745
Rhode Island.....	1	1	335	242	276	357	331	370	341
Connecticut.....	1	1	2,104	1,989	2,333	2,299	2,395	2,260	2,414
New England.....	17	6	10,126	9,278	10,105	11,759	10,761	11,268	11,928
New York.....	14	2	17,148	13,559	15,324	19,803	17,556	20,492	18,238
New Jersey.....	4	1	3,403	2,286	2,459	3,918	2,839	4,037	3,145
Pennsylvania.....	11	1	8,879	6,502	7,306	9,128	8,859	10,022	9,476
Middle Atlantic.....	29	4	29,430	22,347	25,089	32,849	29,254	34,551	30,859
Ohio.....	11	1	17,224	15,565	12,629	16,122	16,680	19,361	18,552
Indiana.....	10	-----	19,891	15,482	13,868	18,225	18,330	19,360	17,442
Illinois.....	18	4	24,397	21,836	14,929	18,579	20,953	20,223	20,203
Michigan.....	11	-----	5,754	4,616	4,243	5,808	5,337	6,423	5,914
Wisconsin.....	17	3	11,554	9,335	7,731	10,005	10,080	12,091	11,358
East North Central.....	67	8	78,820	66,834	53,400	68,739	71,380	77,458	73,469
Minnesota.....	21	4	12,741	12,597	7,965	9,581	10,252	11,416	11,234
Iowa.....	16	3	16,372	18,486	8,382	10,045	12,357	11,320	13,238
Missouri.....	13	1	16,954	16,288	9,404	14,014	12,467	15,639	13,360
North Dakota.....	5	-----	4,093	3,499	2,009	3,514	2,652	4,471	3,446
South Dakota.....	9	7	6,405	7,567	3,736	4,992	5,115	5,805	5,674
Nebraska.....	14	6	9,377	12,401	6,184	7,208	7,917	8,304	9,161
Kansas.....	14	2	10,535	11,173	6,353	8,283	9,799	10,572	9,086
West North Central.....	92	23	76,477	82,021	44,033	57,637	60,559	67,527	65,199
Delaware.....	1	-----	1,073	714	625	979	937	1,262	1,021
Maryland.....	6	-----	4,785	5,705	3,513	4,979	4,783	5,947	6,091
Virginia.....	13	3	5,677	4,118	3,695	5,982	4,817	7,072	5,297
West Virginia.....	4	-----	1,015	1,229	1,290	1,426	1,369	1,691	1,548
North Carolina.....	27	1	18,796	6,051	5,279	18,207	6,236	21,365	6,394
South Carolina.....	22	1	11,431	2,928	2,961	10,802	3,369	12,642	4,922
Georgia.....	31	-----	18,293	6,577	7,225	18,305	8,190	21,419	9,890
Florida.....	10	1	6,240	8,010	7,622	6,421	8,487	6,105	8,682
South Atlantic.....	114	6	67,310	35,332	32,210	67,101	38,188	77,503	43,845
Kentucky.....	10	2	8,587	6,567	6,617	9,139	8,705	9,936	9,442
Tennessee.....	9	-----	7,441	5,244	4,809	7,853	6,385	9,040	7,480
Alabama.....	8	-----	8,885	4,108	3,581	9,135	3,606	9,672	4,330
Mississippi.....	10	1	21,268	12,661	5,560	20,415	6,529	22,399	8,943
East South Central.....	37	3	46,181	28,580	20,567	46,542	25,225	51,047	30,195
Arkansas.....	14	2	17,418	6,666	3,398	14,893	4,851	18,341	6,116
Louisiana.....	8	-----	12,477	7,189	3,719	12,730	5,734	13,759	5,157
Oklahoma.....	14	1	10,154	10,546	6,343	8,981	8,395	12,458	8,570
Texas.....	36	36	58,582	60,413	31,191	48,364	37,631	55,972	38,395
West South Central.....	72	39	98,631	84,814	44,651	84,968	56,611	100,530	58,238
Montana.....	11	2	14,330	13,515	6,377	13,461	9,468	15,352	8,550
Idaho.....	5	3	12,337	12,472	7,413	10,651	8,565	12,034	9,270
Wyoming.....	1	1	3,589	4,608	3,129	4,392	3,574	5,116	3,737
Colorado.....	8	1	14,623	13,347	8,167	11,974	11,318	18,417	11,130
New Mexico.....	5	3	5,838	4,937	2,975	5,038	3,774	6,100	4,060
Arizona.....	2	1	3,530	4,345	2,714	2,796	3,138	2,977	1,927
Utah.....	2	1	4,168	5,220	2,612	3,621	3,496	4,224	3,516
Nevada.....	1	1	1,567	1,456	798	1,256	918	1,343	746
Mountain.....	35	13	59,982	59,900	34,185	53,189	44,251	60,563	42,935

See footnote at end of table.

TABLE 729.—*Production credit associations: Number of associations and number wholly farmer-owned, Jan. 1, 1950; loans made during 1949, and loans outstanding on specified dates, 1948-50, by States—Continued*

State and division	Production credit associations, Jan. 1, 1950		Loans made <sup>1</sup>		Loans outstanding				
	Total	Number wholly farmer owned	1949		1948		1949		1950
			Jan. 1- June 30	July 1- Dec. 31	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
			1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	6	.....	5,176	4,615	3,253	4,645	3,129	5,257	3,829
Oregon.....	8	3	12,560	12,371	6,414	10,553	10,004	13,066	10,228
California.....	25	11	26,143	29,512	15,170	21,361	17,460	24,039	16,729
Pacific.....	39	14	43,879	46,498	24,837	36,559	30,593	42,362	30,786
United States.....	502	116	510,836	435,604	289,077	459,343	366,822	522,809	387,454
Puerto Rico.....	1	.....	5,834	3,656	4,531	5,488	5,003	5,217	4,826

<sup>1</sup> Includes renewals.TABLE 730.—*Federal intermediate credit banks: Loans and discounts made, 1940-50, and outstanding Jan. 1, 1940-50, by type of borrowing institution <sup>1</sup>*

## OUTSTANDING JAN. 1

Year	Production credit associations	Banks for cooperatives	Direct loans to cooperative associations	Others <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1940.....	146,323	17,560	1,835	32,316	198,034
1941.....	169,565	15,554	1,490	33,116	219,725
1942.....	191,718	31,582	2,152	37,939	263,391
1943.....	194,564	76,160	2,000	38,182	310,906
1944.....	202,848	103,685	2,000	34,137	342,670
1945.....	198,754	65,003	700	29,966	294,423
1946.....	197,333	40,518	2,042	26,487	266,380
1947.....	231,285	41,538	4,151	31,701	308,675
1948.....	285,349	44,534	4,000	37,915	371,798
1949.....	354,708	66,131	4,709	55,750	481,298
1950.....	372,662	45,962	2,400	50,825	471,849

## MADE DURING YEAR

1940.....	384,017	31,061	4,593	87,314	506,985
1941.....	465,347	68,608	5,651	100,697	640,303
1942.....	532,338	159,055	9,397	106,881	807,671
1943.....	599,807	222,782	5,000	91,790	919,379
1944.....	644,022	142,628	3,402	79,266	869,318
1945.....	656,560	93,481	4,032	73,039	827,112
1946.....	796,614	118,946	11,579	84,892	1,012,031
1947.....	981,939	134,555	14,128	107,545	1,238,167
1948.....	1,183,198	162,115	13,639	157,611	1,516,563
1949.....	1,204,099	201,421	9,900	154,636	1,570,056

<sup>1</sup> Excluding all Puerto Rican loans made and outstanding.<sup>2</sup> Privately capitalized financing institutions.

Farm Credit Administration.



TABLE 731.—*Banks for cooperatives: Loans outstanding, Jan. 1, 1950, by type and by principal product or service*

Principal product or service	Commodity loans		Operating capital loans		Facility loans		Total loans outstanding	
	Number <sup>1</sup>	Dollars	Number <sup>1</sup>	Dollars	Number <sup>1</sup>	Dollars	Number <sup>1</sup>	Dollars
<b>Farm products:</b>								
Citrus fruits.....	5	1,394,753	37	4,456,292	20	3,147,215	47	8,998,260
Other fruits and vegetables.....	15	3,682,354	105	25,117,342	84	7,210,609	131	36,010,305
Wine and brandy.....	8	2,258,089	10	4,879,556	6	1,019,875	12	8,157,520
Dairy.....	4	242,176	126	24,101,601	170	18,710,715	213	43,054,492
Poultry.....	1	9,700	24	6,819,989	15	949,370	28	7,779,059
Grain.....	10	8,194,547	177	17,430,462	225	12,627,036	305	38,252,045
Tobacco.....			8	819,349	4	97,204	8	916,553
Sugar.....			6	2,082,924	13	3,768,031	13	5,850,955
Wool and mohair.....	1	35,051	2	1,100	2	61,500	5	97,651
Cotton fiber.....	4	12,932,372	4	4,012,400	2	176,000	6	17,120,772
Livestock.....	1	6,134,300	9	673,750	5	932,094	12	7,640,144
Products of oil-bearing crops.....	5	751,441	19	3,930,868	10	1,692,808	21	6,375,117
Peanuts.....			2	29,149	1	50,000	2	79,149
Seed.....	2	488,093	8	1,220,901	6	210,808	11	1,919,802
Other.....	1	220,654	23	2,258,092	17	595,350	29	3,074,096
<b>Total.....</b>	<b>57</b>	<b>36,343,530</b>	<b>560</b>	<b>97,733,775</b>	<b>580</b>	<b>51,248,615</b>	<b>843</b>	<b>185,325,920</b>
<b>Farm supply:</b>								
General.....	1	363,318	268	48,572,572	194	17,808,196	310	66,744,086
Petroleum products.....	1	815,444	141	16,412,118	69	20,152,845	163	37,380,407
<b>Total.....</b>	<b>2</b>	<b>1,178,762</b>	<b>409</b>	<b>64,984,690</b>	<b>263</b>	<b>37,961,041</b>	<b>473</b>	<b>104,124,493</b>
<b>Farm business services:</b>								
Irrigation.....			17	238,686	44	1,813,916	50	2,052,602
Warehousing.....			4	57,779	11	1,072,135	12	1,129,914
Farmers' markets.....			1	34,400	5	231,583	5	265,983
Cotton gins.....			55	787,512	131	2,122,743	150	2,910,255
Refrigerated food lockers.....			6	39,131	42	1,239,422	43	1,278,553
Grain drying.....					15	1,898,750	15	1,898,750
Other.....	1	254,527	17	752,055	35	909,095	42	1,915,677
<b>Total.....</b>	<b>1</b>	<b>254,527</b>	<b>100</b>	<b>1,909,563</b>	<b>283</b>	<b>9,287,644</b>	<b>317</b>	<b>11,451,734</b>
<b>Miscellaneous: Farmers' exchanges.....</b>			<b>11</b>	<b>412,199</b>	<b>11</b>	<b>572,672</b>	<b>16</b>	<b>984,871</b>
<b>Grand total.....</b>	<b>60</b>	<b>37,776,819</b>	<b>1,080</b>	<b>165,040,227</b>	<b>1,137</b>	<b>99,069,972</b>	<b>2,169</b>	<b>301,887,018</b>

<sup>1</sup> Represents number of cooperative associations having loans outstanding.<sup>2</sup> The total number of loans outstanding is less than the sum of the 3 types

of loans, because some associations have more than 1 type of loan outstanding.

Farm Credit Administration.

TABLE 732.—*Loans to farmers' cooperative organizations: Amounts held by agencies supervised by the Farm Credit Administration, classified by type of loan, Jan. 1, 1941-50*<sup>1</sup>

Year	Federal intermediate credit banks	Banks for cooperatives				Agricultural Marketing Act revolving fund	
	Commodity loans	Secured by CCC documents <sup>2</sup>	Commodity loans	Operating capital loans	Facility loans	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1941.....	1,490	-----	17,716	35,322	21,367	12,167	4,294
1942.....	2,152	-----	37,036	51,979	23,677	12,801	4,113
1943.....	2,000	-----	67,048	54,450	22,855	11,700	851
1944.....	2,000	88,637	55,467	70,132	20,832	7,065	286
1945.....	700	91,040	35,631	64,438	21,364	2,863	204
1946.....	2,042	28,500	37,096	67,545	23,959	2,488	204
1947.....	4,151	5,389	39,690	98,147	34,735	2,028	204
1948.....	4,000	7,947	48,158	150,235	66,946	2,398	204
1949.....	4,709	164	43,342	173,068	87,423	1,250	65
1950.....	2,400	-----	37,777	164,281	98,827	1,300	65

<sup>1</sup> Excludes Puerto Rico.<sup>2</sup> Commodity Credit Corporation.

Farm Credit Administration.

TABLE 733.—*Farmers Home Administration: Real estate loans to individuals and loans outstanding, United States and territories, 1938-50*

Year	Direct loans <sup>1</sup>			Insured loans		
	New borrowers	Amount of loans made <sup>2</sup>	Amount outstanding, Jan. 1 <sup>3</sup>	New borrowers	Amount of loans insured <sup>4</sup>	Amount outstanding, Jan. 1 <sup>5</sup>
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1938.....	2,028	10,275	-----	-----	-----	-----
1939.....	4,622	26,576	10,275	-----	-----	-----
1940.....	7,023	39,713	32,301	-----	-----	-----
1941.....	11,691	60,663	66,286	-----	-----	-----
1942.....	7,680	35,695	116,610	-----	-----	-----
1943.....	5,236	33,157	160,258	-----	-----	-----
1944.....	6,927	37,163	174,946	-----	-----	-----
1945.....	2,791	16,927	196,815	-----	-----	-----
1946.....	6,838	47,814	185,060	-----	-----	-----
1947.....	3,434	27,002	192,620	-----	-----	-----
1948.....	2,544	19,421	198,279	7,648	4,633	-----
1949.....	1,885	15,694	192,506	1,759	12,503	4,569
1950.....	-----	-----	192,457	-----	-----	16,832

<sup>1</sup> Includes tenant purchase, farm enlargement, farm development (special real estate), and project liquidation loans. Loans from Corporation trust funds and farm development loans from "Loans, grants, and rural rehabilitation" funds are also included.<sup>2</sup> Amount advanced for project liquidation loans and obligated for all other types of loans. Includes supplemental loans to borrowers who received an initial loan in a prior year.<sup>3</sup> Loan advances less principal repayments.<sup>4</sup> Amount obligated.<sup>5</sup> Amount obligated less principal repayments.<sup>6</sup> Includes project liquidation loans advanced from inception of program through 1944.<sup>7</sup> Loans obligated from beginning of insured loan program in October 1947 through December 1948.

Farmers Home Administration.

TABLE 734.—Farmers Home Administration: Real estate loans to individuals during 1948 and 1949, and loans outstanding Jan. 1, 1949 and 1950, by States and territories

State and division	Direct loans				Insured loans			
	Amount of loans made <sup>1</sup>		Amount outstanding Jan. 1 <sup>2</sup>		Amount of loans insured <sup>3</sup>		Amount outstanding Jan. 1 <sup>4</sup>	
	1948	1949	1949	1950	1948	1949	1949	1950
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
Maine.....	97	128	677	764	0	45	0	45
New Hampshire.....	21	20	146	153	0	6	0	6
Vermont.....	141	93	626	708	0	31	0	31
Massachusetts.....	91	61	490	518	0	29	0	29
Rhode Island.....	19	0	32	31	0	0	0	0
Connecticut.....	28	21	225	233	0	0	0	0
New England.....	397	323	2,196	2,407	0	111	0	111
New York.....	195	101	2,888	2,772	87	119	87	202
New Jersey.....	304	167	1,459	1,333	80	90	80	166
Pennsylvania.....	288	253	3,454	3,443	76	403	75	474
Middle Atlantic.....	787	521	7,801	7,748	243	612	242	842
Ohio.....	416	295	3,746	3,613	41	256	40	294
Indiana.....	259	282	3,324	3,204	131	372	130	496
Illinois.....	140	194	3,236	3,055	87	114	86	198
Michigan.....	360	161	3,255	3,218	339	447	338	776
Wisconsin.....	451	312	3,887	3,893	444	1,276	438	1,695
East North Central.....	1,626	1,244	17,448	16,983	1,042	2,465	1,032	3,459
Minnesota.....	637	850	5,853	6,038	396	819	387	1,184
Iowa.....	437	751	3,212	3,381	156	724	154	872
Missouri.....	1,037	873	7,788	8,113	512	1,059	509	1,546
North Dakota.....	172	208	2,448	2,450	206	418	203	612
South Dakota.....	201	189	2,297	2,165	130	318	129	439
Nebraska.....	363	356	3,262	3,198	172	243	172	412
Kansas.....	822	692	4,825	5,074	624	812	615	1,396
West North Central.....	3,669	3,919	29,685	30,409	2,196	4,393	2,169	6,461
Delaware.....	15	7	316	304	7	7	7	14
Maryland.....	142	100	1,422	1,432	116	54	116	168
Virginia.....	334	136	2,682	2,600	34	16	29	45
West Virginia.....	155	135	1,499	1,471	29	96	29	125
North Carolina.....	927	755	6,737	6,755	104	515	100	601
South Carolina.....	497	411	6,480	6,534	0	150	0	149
Georgia.....	1,004	654	11,783	11,655	151	537	146	669
Florida.....	196	101	1,905	1,921	9	8	8	16
South Atlantic.....	3,270	2,299	32,824	32,672	450	1,383	435	1,787
Kentucky.....	304	237	3,268	3,037	97	75	95	163
Tennessee.....	687	464	5,360	5,377	0	166	0	165
Alabama.....	966	542	9,353	9,310	176	116	172	284
Mississippi.....	1,390	1,165	16,499	17,194	49	145	48	191
East South Central.....	3,347	2,408	34,480	34,918	322	502	315	803
Arkansas.....	772	460	10,707	10,424	34	133	33	165
Louisiana.....	285	366	6,569	6,398	9	117	9	125
Oklahoma.....	1,029	802	9,577	9,534	42	359	41	396
Texas.....	1,607	1,052	20,806	19,776	202	1,306	200	1,483
West South Central.....	3,693	2,680	47,659	46,132	287	1,915	283	2,169
Montana.....	125	221	2,810	2,774	14	98	14	111
Idaho.....	379	476	1,961	2,247	0	91	0	91
Wyoming.....	139	77	1,145	1,160	0	39	0	38
Colorado.....	97	84	1,892	1,728	37	128	37	155
New Mexico.....	139	184	1,292	1,344	0	15	0	15
Arizona.....	146	69	716	767	11	11	11	21
Utah.....	545	373	1,991	2,357	0	160	0	160
Nevada.....	33	43	210	268	0	0	0	0
Mountain.....	1,603	1,527	12,017	12,645	62	542	62	591

See footnotes at end of table.

TABLE 734.—*Farmers Home Administration: Real estate loans to individuals during 1948 and 1949, and loans outstanding Jan. 1, 1949 and 1950, by States and territories—Continued*

State and division	Direct loans				Insured loans			
	Amount of loans made <sup>1</sup>		Amount outstanding Jan. 1 <sup>2</sup>		Amount of loans insured <sup>3</sup>		Amount outstanding Jan. 1 <sup>4</sup>	
	1948	1949	1949	1950	1948	1949	1949	1950
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
Washington.....	225	232	1,353	1,562	11	220	11	230
Oregon.....	161	118	1,579	1,523	9	317	9	326
California.....	207	165	1,851	1,856	11	43	11	53
Pacific.....	593	515	4,783	4,941	31	580	31	609
United States.....	18,985	15,436	188,893	188,855	4,633	12,503	4,569	16,832
Hawaii.....	343	41	728	757	0	0	0	0
Alaska.....	25	0	49	48	0	0	0	0
Puerto Rico.....	68	210	2,836	2,792	0	0	0	0
Virgin Islands.....	0	7	0	5	0	0	0	0
Total.....	19,421	15,694	192,506	192,457	4,633	12,503	4,569	16,832

<sup>1</sup> Amount obligated for tenant purchase, farm enlargement, and farm development loans.<sup>2</sup> Loan advances less principal repayments. Includes amounts outstanding on project liquidation loans and loans from Corporation trust funds.<sup>3</sup> Amount obligated. 1948 year includes loans obligated from beginning of insured loan program in October 1947 through December 1948.<sup>4</sup> Amount obligated less principal repayments.

Farmers Home Administration.

TABLE 735.—*Farmers Home Administration: Status of the average active real estate borrower, United States and territories, 1948 <sup>1</sup>*

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number.	32,950	Gross family income.....	Dollars.....	4,995
Size of farm.....	Acres.....	143	Cash farm income.....	do.....	3,892
Land in crops.....	do.....	78	Nonfarm income.....	do.....	486
Net worth, end of year.....	Dollars.....	6,839	Value of farm-produced food and fuel.....	do.....	617
Net worth, beginning of year.....	do.....	5,835	Cash family-living expenses.....	do.....	1,068
			Farm operating expenses.....	do.....	1,918

<sup>1</sup> Data are based on a sample of all tenant purchase borrowers in 1948.

Farmers Home Administration.

TABLE 736.—*Farmers Home Administration: Non-real-estate loans to individuals, and loans to cooperative associations, 1938-49, and loans outstanding on Jan. 1, 1938-50, United States and territories*<sup>1</sup>

Year	Loans to individuals						Loans to cooperative associations and defense relocation corporations <sup>4</sup>	
	Production and subsistence <sup>2</sup>		Disaster <sup>3</sup>		Emergency crop and feed		Amount	Balance outstanding, Jan. 1
	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1938.....	80,292	118,017	5,718	15,592	19,648	172,701	402	3,668
1939.....	109,037	169,150	4,664	11,081	15,079	171,489	2,803	4,023
1940.....	92,274	242,547	4,805	8,005	19,517	168,329	3,410	6,721
1941.....	104,151	287,090	6,759	5,855	18,346	168,438	10,411	9,978
1942.....	164,041	317,947	7,759	5,532	19,687	164,974	9,027	20,114
1943.....	124,841	369,102	73,961	3,991	18,697	156,676	2,677	28,490
1944.....	64,419	344,708	17,038	32,751	18,439	147,650	246	28,913
1945.....	73,694	305,221	9,913	13,618	16,465	139,541	217	25,151
1946.....	109,567	281,591	1,932	7,388	16,972	130,505	160	17,248
1947.....	95,551	285,189	77	3,695	-----	118,120	101	12,200
1948.....	86,936	268,297	1,084	2,634	-----	106,189	211	10,210
1949.....	100,281	255,862	10,814	3,073	-----	90,240	483	8,848
1950.....	-----	270,535	-----	12,771	-----	71,341	-----	8,574

<sup>1</sup> In addition to loans reported, grants in the amount of \$96,216,000 were made from 1938 through 1946.

<sup>2</sup> Includes water facilities, rural rehabilitation, construction, and wartime adjustment loans and loans from Corporation trust funds.

<sup>3</sup> Includes flood damage, fur, and flood and windstorm loans and loans made by Farm Credit Administration prior to transfer of Regional Agricultural Credit Corporation funds to Farmers Home Administration on Apr. 16, 1949.

<sup>4</sup> Includes loans to water facilities associations and loans from Corporation trust funds.

Farmers Home Administration.

TABLE 737.—*Farmers Home Administration: Status of the average active non-real-estate borrower, United States and territories, 1948*<sup>1</sup>

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number..	129,303	Gross family income.....	Dollars....	3,313
Size of farm.....	Acres.....	152	Cash farm income.....	do.....	2,310
Land in crops.....	do.....	72	Nonfarm income.....	do.....	491
Value of working capital, end of year.....	Dollars....	3,181	Value of farm-produced food and fuel used by the family..	do.....	512
Total assets, end of year.....	do.....	6,067	Cash family living expenses.....	do.....	799
Total liabilities, end of year.....	do.....	2,108	Farm operating expenses.....	do.....	1,123
Net worth, end of year.....	do.....	3,959	Present tenure:		
			Owner and part-owner.....	Percent...	51
			Tenant.....	do.....	49

<sup>1</sup> Data based on sample of all active non-real-estate loan borrowers receiving supervision in 1948.

Farmers Home Administration.

TABLE 738.—Farmers Home Administration: Non-real-estate loans to individuals in 1949, and loans outstanding Jan. 1, 1950, by States and territories

State and division	Production and sub-sistence loans		Disaster loans		Emergency crop and feed loans	State and division	Production and sub-sistence loans		Disaster loans		Emergency crop and feed loans
	Amount of loans 1949 <sup>1</sup>	Out-standing Jan. 1, 1950 <sup>2</sup>	Amount of loans 1949 <sup>3</sup>	Out-standing Jan. 1, 1950 <sup>4</sup>	Out-standing Jan. 1, 1950		Amount of loans 1949 <sup>1</sup>	Out-standing Jan. 1, 1950 <sup>2</sup>	Amount of loans 1949 <sup>3</sup>	Out-standing Jan. 1, 1950 <sup>4</sup>	Out-standing Jan. 1, 1950
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,138	3,224	26	29	342	Kentucky.....	1,517	3,629	0	2	206
New-Hampshire.....	202	995	4	5	22	Tennessee.....	1,785	3,144	0	10	511
Vermont.....	279	1,189	48	48	42	Alabama.....	3,133	11,170	35	37	825
Massachusetts.....	147	551	67	68	28	Mississippi.....	4,539	12,832	126	135	983
Rhode Island.....	18	98	11	11	0						
Connecticut.....	37	179	26	27	15	East South Central.....	10,974	30,775	161	184	2,525
New England.....	1,821	6,236	182	188	449	Arkansas.....	4,007	11,673	293	445	2,501
New York.....	1,568	6,246	56	79	135	Louisiana.....	2,881	6,793	0	9	1,430
New Jersey.....	603	2,219	180	181	61	Oklahoma.....	4,520	13,466	84	365	1,074
Pennsylvania.....	1,765	5,222	0	26	214	Texas.....	8,111	23,364	2,055	2,192	4,574
Middle Atlantic.....	3,936	13,687	236	286	410	West South Central.....	19,519	55,296	2,432	3,011	9,579
Ohio.....	1,253	4,403	0	7	192	Montana.....	2,197	6,377	148	186	4,619
Indiana.....	1,297	3,274	14	27	148	Idaho.....	1,833	4,679	336	586	528
Illinois.....	2,091	5,440	0	29	178	Wyoming.....	1,771	4,560	687	683	611
Michigan.....	1,942	7,375	133	147	350	Colorado.....	2,485	7,053	693	696	1,469
Wisconsin.....	2,869	7,067	1,133	1,120	630	New Mexico.....	1,320	3,945	0	41	1,303
East North Central.....	9,452	27,559	1,280	1,330	1,495	Arizona.....	388	1,149	0	6	153
Minnesota.....	4,304	9,360	115	145	2,896	Utah.....	1,051	3,186	332	316	274
Iowa.....	1,985	4,439	0	11	22	Nevada.....	193	536	286	286	22
Missouri.....	3,266	8,604	33	139	964	Mountain.....	11,238	31,485	2,482	2,800	8,979
North Dakota.....	2,508	5,589	11	56	19,636	Washington.....	1,619	5,338	314	795	2,205
South Dakota.....	2,689	8,385	0	22	9,323	Oregon.....	1,199	3,318	156	233	1,098
Nebraska.....	1,827	5,537	9	32	1,911	California.....	1,920	7,308	1,746	1,746	1,693
Kansas.....	2,389	6,900	420	591	2,336	Pacific.....	4,738	15,964	2,216	2,774	4,996
West North Central.....	18,968	48,814	588	996	37,088	United States.....	98,252	267,160	10,814	12,771	71,186
Delaware.....	55	306	0	1	38	Hawaii.....	163	368	0	0	1
Maryland.....	692	2,198	0	26	278	Alaska.....	44	104	0	0	16
Virginia.....	1,385	2,728	4	37	926	Puerto Rico.....	1,792	2,819	0	0	138
West Virginia.....	669	1,696	7	8	118	Virgin Islands.....	30	84	0	0	0
North Carolina.....	5,686	5,755	8	12	540	Territories.....	2,029	3,375	0	0	155
South Carolina.....	3,820	7,738	257	258	1,383	Total.....	100,281	270,535	10,814	12,771	71,341
Georgia.....	4,162	11,961	111	114	1,444						
Florida.....	1,137	4,962	720	746	941						
South Atlantic.....	17,606	37,344	1,107	1,202	5,665						

<sup>1</sup> Includes water facilities loans and loans from Corporation trust funds.<sup>2</sup> Includes amount outstanding on water facilities, rural rehabilitation, construction and wartime adjustment loans, and loans from Corporation trust funds.<sup>3</sup> Includes flood damage and fur loans.<sup>4</sup> Includes amount outstanding on flood damage, fur, and flood and windstorm loans and loans made by Farm Credit Administration prior to the transfer of Regional Agricultural Credit Corporation funds to Farmers Home Administration on Apr. 16, 1949.<sup>5</sup> Includes fur loans in the amount of \$129,881 made by Farm Credit Administration during the period Jan. 1 through Apr. 15, 1949, which cannot be allocated by States.

Farmers Home Administration.

TABLE 739.—*Farmers Home Administration: Status of the average active borrower with loan for water facilities, United States, 1948*<sup>1</sup>

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number..	1,671	Small grain, production per acre <sup>4</sup> .....	Bushels....	28.3
Percent with irrigation facilities <sup>2</sup> .....	Percent....	30	Corn, production per acre <sup>4</sup> .....	do.....	41.8
Percent with farmstead facilities only.....	do.....	70	Crop sales.....	Dollars.....	1,880
Size of farm, all water facilities borrowers.....	Acres.....	239	Livestock sales.....	do.....	1,271
Land in crops, all water facilities borrowers.....	do.....	95	Livestock product sales.....	do.....	1,410
Irrigation borrowers.....	do.....	112	Production for home use:		
Farmstead-only borrowers.....	do.....	88	Dairy products.....	Gallons (equiv- alent)	477
Acres irrigated, irrigation borrowers.....	do.....	78	Eggs.....	Dozens.....	150
Cattle and calves sold <sup>3</sup> .....	Number..	8	Meat.....	Pounds (dressed)	490
Hogs sold <sup>3</sup> .....	do.....	9	Total farm income.....	Dollars.....	5,332
Poultry sold <sup>3</sup> .....	do.....	108	Farm operating expenses.....	do.....	2,361
Eggs sold <sup>3</sup> .....	Dozens.....	846	Net farm income.....	do.....	2,971
Dairy products sold <sup>3</sup> .....	Gallons (equiv- alent)	5,149			

<sup>1</sup> Data based on total active water facilities borrowers who met the following conditions: (a) On same farm with same acreage in 1948 as during crop year before water facilities installation; (b) installation of facilities completed in time to provide full benefits during the 1948 crop year. Water facilities loans have been made in the following 17 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

<sup>2</sup> Includes those borrowers with loans for both irrigation and farmstead facilities.

<sup>3</sup> Average based on reports of farmers raising specified kind of livestock.

<sup>4</sup> Crop production is reported by irrigation borrowers and is limited to production on land irrigated in 1948. Crop production information was not obtained for borrowers with loans for farmstead facilities only.

Farmers Home Administration.

TABLE 740.—*Farm loans guaranteed or insured by the Veterans Administration, United States, 1945-49*

Item	1945	1946	1947	1948	1949
Number of loans.....	<i>Number</i> 1,064	<i>Number</i> 17,138	<i>Number</i> 19,793	<i>Number</i> 10,408	<i>Number</i> 4,946
Real estate.....	( <sup>1</sup> ) .....	9,771	10,707	5,290	1,937
Non-real-estate.....	( <sup>1</sup> ) .....	8,431	9,086	5,118	3,009
Amount of loans <sup>2</sup> .....	<i>1,000 dollars</i> <sup>3</sup> 3,585	<i>1,000 dollars</i> <sup>3</sup> 63,259	<i>1,000 dollars</i> 77,765	<i>1,000 dollars</i> 42,004	<i>1,000 dollars</i> 17,533
Amount of guaranty or insurance.....	1,265	29,826	36,634	18,561	7,564
Real estate.....	390	22,141	27,697	13,704	4,883
Non-real-estate.....	875	7,685	8,937	4,857	2,681

<sup>1</sup> Not available separately but included with 1946 total. Thus, on the first three lines of this table, the 1,064 in the 1945 column plus the 17,138 in the 1946 column are equal to the 9,771 and 8,431 in the 1946 column.

<sup>2</sup> Breakdown between real estate and non-real-estate loans not available.

<sup>3</sup> Partially estimated.

Bureau of Agricultural Economics. Compiled from reports of the Veterans Administration.

TABLE 741.—*Value of farm real estate held by selected lenders, United States, Jan. 1, 1929–50*<sup>1</sup>

Year	Federal land banks and Federal Farm Mortgage Corporation <sup>2</sup>	Life insurance companies <sup>3</sup>	Joint-stock land banks <sup>4</sup>	Commercial banks <sup>5</sup>	3 State credit agencies <sup>6</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	26,478	(7)	15,236	(7)	19,540
1930.....	29,517	107,058	19,685	(7)	26,860
1931.....	36,865	123,403	22,202	(7)	33,511
1932.....	53,588	190,694	37,957	(7)	39,008
1933.....	83,158	287,773	71,741	(7)	47,454
1934.....	96,632	428,331	85,740	(7)	56,094
1935.....	96,666	558,211	81,700	(7)	60,270
1936.....	119,864	588,761	78,204	74,166	61,531
1937.....	134,754	634,005	72,781	69,525	68,444
1938.....	132,038	612,120	62,030	56,311	72,040
1939.....	139,229	607,358	53,885	49,143	71,846
1940.....	155,237	599,653	46,827	42,045	68,324
1941.....	<sup>9</sup> 134,179	547,637	36,172	33,373	60,900
1942.....	<sup>9</sup> 91,817	441,772	25,130	22,841	53,498
1943.....	54,757	336,233	18,306	(7)	44,145
1944.....	25,846	205,410	6,605	(7)	36,159
1945.....	10,994	119,169	4,201	(7)	32,691
1946.....	3,367	81,616	1,601	(7)	3,619
1947.....	1,029	33,552	463	(7)	(7)
1948.....	333	13,656	154	(7)	(7)
1949.....	106	5,867	3	(7)	(7)
1950.....	130	3,028	(10)	(7)	(7)

<sup>1</sup> Acquired by foreclosure or other "distress" transfers from borrowers. Continental United States only.

<sup>2</sup> Investment. Includes sheriffs' certificates and judgments, but excludes prior liens.

<sup>3</sup> Book value, partially estimated.

<sup>4</sup> Carrying value of real estate, including sheriffs' certificates and judgments. Real estate held by banks in receivership is included at book value.

<sup>5</sup> Book value. Data represent holdings of insured commercial banks.

<sup>6</sup> Investment. Rural Credit Board of South Dakota, Bank of North Dakota, and Department of Rural Credit of Minnesota. The large reduction during 1945 is mostly due to a charge-off of approximately \$27,000,000 of cumulated losses by the Rural Credit Board of South Dakota upon completion of liquidation.

<sup>7</sup> Data unavailable.

<sup>8</sup> Amount held on July 1.

<sup>9</sup> Revised.

<sup>10</sup> Less than \$500.

Bureau of Agricultural Economics.

#### FOOTNOTES FOR TABLE 742:

<sup>1</sup> Edison Electric Institute report.

<sup>2</sup> 1940 Census of Agriculture.

<sup>3</sup> R.E.A. estimate.

<sup>4</sup> Percentage of all farms in State as shown by 1935 Census of Agriculture.

<sup>5</sup> Percentage of all farms in State as shown by 1940 Census of Agriculture.

<sup>6</sup> Percentage of all farms in State, as shown by 1945 Census of Agriculture. This census reported a total of 5,859,169 farms in the United States.

Rural Electrification Administration.



TABLE 742.—*Rural Electrification Administration: Number and percentage of farms receiving central-station electric service, by States, for specified dates*

State and division	Dec. 31, 1934 <sup>1</sup>		April 1, 1940 <sup>2</sup>		June 30, 1945 <sup>3</sup>		June 30, 1949 <sup>3</sup>		Increase from Dec. 31, 1934, to June 30, 1949
	Number	Percent <sup>4</sup>	Number	Percent <sup>5</sup>	Number	Percent <sup>6</sup>	Number	Percent <sup>6</sup>	
Maine.....	13,959	33.3	20,221	51.9	27,087	64.2	32,917	78.0	18,958
New Hampshire.....	9,495	53.7	10,845	65.5	15,298	81.4	17,794	94.7	8,299
Vermont.....	7,945	29.4	12,213	51.8	18,916	71.4	22,076	83.3	14,131
Massachusetts.....	14,494	41.3	26,220	82.2	33,287	89.9	35,520	96.0	21,026
Rhode Island.....	1,975	45.6	2,457	81.5	3,148	87.4	3,516	97.6	1,541
Connecticut.....	10,138	31.5	16,995	80.3	20,155	90.6	22,130	99.5	11,992
New England.....	58,008	36.7	88,951	65.8	117,891	78.4	133,953	89.1	75,947
New York.....	57,825	32.7	102,283	66.7	125,433	83.9	141,473	94.6	83,648
New Jersey.....	15,162	51.6	21,298	82.4	23,697	90.4	25,684	97.9	10,522
Pennsylvania.....	45,182	23.6	94,081	55.7	125,612	73.1	160,583	93.5	115,401
Middle Atlantic.....	118,169	29.7	217,662	62.5	274,742	79.1	327,740	94.3	209,571
Ohio.....	48,048	18.8	137,680	58.9	165,387	75.0	219,227	99.4	171,179
Indiana.....	23,476	11.7	91,127	49.4	125,951	71.6	172,795	98.2	149,319
Illinois.....	28,379	12.3	80,027	37.5	121,771	59.6	189,336	92.7	160,957
Michigan.....	42,152	21.4	131,126	69.9	146,325	83.5	170,081	97.0	127,929
Wisconsin.....	39,206	19.6	87,556	46.9	123,006	69.2	162,802	91.6	123,596
East North Central.....	181,261	16.7	527,516	52.4	682,420	71.5	914,241	95.9	732,980
Minnesota.....	13,783	6.8	50,075	25.4	93,208	49.3	149,500	79.1	135,717
Iowa.....	32,047	14.4	73,308	34.4	133,113	63.7	180,043	86.2	147,996
Missouri.....	17,893	6.4	39,204	15.3	77,852	32.0	148,523	61.1	130,630
North Dakota.....	1,968	2.3	3,218	4.4	7,498	10.8	25,334	36.4	23,366
South Dakota.....	2,939	3.5	3,981	5.5	8,964	13.0	26,613	38.7	23,674
Nebraska.....	9,644	7.1	22,832	18.9	39,120	35.0	60,917	64.5	51,373
Kansas.....	13,224	7.6	27,960	17.9	46,056	32.6	86,557	61.3	73,333
West North Central.....	91,398	7.7	220,578	20.2	405,811	39.3	677,487	65.6	586,089
Delaware.....	1,791	17.3	3,545	39.4	5,650	60.8	8,857	95.3	7,066
Maryland.....	6,791	15.3	17,170	40.7	24,124	58.4	38,753	93.8	31,962
Virginia.....	14,954	7.6	42,144	24.1	65,035	37.6	146,617	84.7	131,663
West Virginia.....	3,647	3.5	25,199	25.4	39,148	40.1	65,516	67.1	61,869
North Carolina.....	9,672	3.2	67,627	24.3	113,574	39.5	240,209	83.6	230,537
South Carolina.....	3,796	2.3	27,568	20.0	55,114	37.3	116,087	78.6	112,291
Georgia.....	6,956	2.8	42,409	19.6	82,248	36.4	193,449	85.6	186,493
Florida.....	5,700	7.8	15,476	24.9	24,750	40.5	46,769	76.5	41,069
South Atlantic.....	53,307	4.6	241,138	23.7	409,643	39.3	856,257	82.1	802,950
Kentucky.....	8,480	3.0	38,607	15.3	72,602	30.4	154,130	64.6	145,650
Tennessee.....	9,727	3.6	38,884	15.7	71,458	30.5	154,233	65.8	144,506
Alabama.....	11,053	4.0	33,907	14.6	73,129	32.7	174,080	77.9	163,027
Mississippi.....	2,802	0.9	26,078	9.0	52,816	20.0	129,473	49.1	126,671
East South Central.....	32,062	2.8	137,476	13.4	270,005	28.1	611,916	63.8	579,854
Arkansas.....	2,943	1.2	21,303	9.8	46,149	23.2	137,140	69.0	134,197
Louisiana.....	2,826	1.7	16,058	10.7	36,778	28.4	92,337	71.4	89,511
Oklahoma.....	5,648	2.6	20,149	11.2	49,473	30.0	92,288	56.0	86,640
Texas.....	11,466	2.3	79,127	18.9	162,290	42.2	301,746	78.4	290,280
West South Central.....	22,883	2.0	136,637	14.2	294,690	33.6	623,511	71.0	600,628
Montana.....	2,768	5.5	7,947	19.0	11,401	30.2	23,462	62.2	20,694
Idaho.....	13,433	29.8	25,439	58.3	32,139	77.4	40,501	97.6	27,068
Wyoming.....	527	3.0	3,474	23.1	5,632	43.1	8,301	63.5	7,774
Colorado.....	7,145	11.2	14,823	28.8	24,637	51.7	42,957	90.2	35,812
New Mexico.....	1,350	3.3	4,479	13.1	7,645	25.7	15,561	52.4	14,211
Arizona.....	5,577	29.6	5,607	30.4	9,280	70.6	10,965	83.4	5,388
Utah.....	16,130	52.5	17,411	68.5	20,019	76.1	21,279	80.8	5,149
Nevada.....	946	25.6	1,555	43.5	1,639	47.8	2,164	63.1	1,218
Mountain.....	47,876	17.6	80,735	34.6	112,392	52.9	165,190	77.7	117,314
Washington.....	40,060	47.5	58,283	71.4	68,194	85.4	77,146	96.6	37,086
Oregon.....	17,839	27.5	36,369	58.8	68,635	77.0	62,705	99.3	44,866
California.....	81,093	53.9	107,904	81.3	121,873	87.7	131,870	94.9	50,777
Pacific.....	138,992	46.4	202,556	73.3	238,702	84.7	271,721	96.4	132,729
United States.....	743,954	10.9	1,853,249	30.4	2,806,296	47.9	4,582,016	78.2	3,838,062

See footnotes on page 696.

TABLE 743.—*Rural Electrification Administration: Number and amount of loans, by type of borrower and by purpose of loan, by States and territories, from organization (May 11, 1935) to Jan. 1, 1950*<sup>1</sup>

State, division, and territory	Total loans		Loans by type of borrower								Loans by purpose			Miles of line provided for by loans <sup>1</sup>	Consumers provided for by loans <sup>1</sup>
	Borrowers	Amount	Cooperative associations		Public power districts		Other public bodies <sup>2</sup>		Power companies		Line construction and working capital	Generation and transmission	Consumer facilities <sup>3</sup>		
			Borrowers	Amount	Borrowers	Amount	Borrowers	Amount	Borrowers	Amount					
	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number
Maine.....	5	1,504	5	1,504	0	0	0	0	0	0	1,418	61	25	831	3,606
New Hampshire.....	2	5,561	1	5,561	0	0	0	0	1	200	5,513	8	40	2,351	7,298
Vermont.....	3	3,268	3	3,268	0	0	0	0	0	0	3,145	80	43	1,936	5,435
Massachusetts.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Eastern.....	10	10,333	9	10,133	0	0	0	0	1	200	10,076	149	108	5,118	16,339
New York.....	7	5,103	6	3,239	0	0	0	0	1	1,864	5,008	0	95	4,057	13,764
New Jersey.....	2	946	2	946	0	0	0	0	0	0	934	0	12	526	2,549
Pennsylvania.....	13	24,463	13	24,463	0	0	0	0	0	0	24,192	21	250	15,864	58,017
Middle Atlantic.....	22	30,512	21	28,648	0	0	0	0	1	1,864	30,134	21	357	20,447	74,330
Ohio.....	29	43,610	28	43,060	0	0	0	0	1	550	42,274	1,037	299	27,261	108,105
Indiana.....	47	46,122	46	45,692	0	0	0	0	1	430	45,709	56	357	33,906	125,749
Illinois.....	28	64,403	27	64,322	0	0	0	0	1	81	60,045	3,988	370	41,041	121,988
Michigan.....	15	43,823	15	43,823	0	0	0	0	0	0	24,410	19,015	398	15,850	60,292
Wisconsin.....	31	81,208	30	81,116	0	0	1	92	0	0	37,421	43,225	562	27,926	80,690
East North Central.....	150	279,166	146	278,013	0	0	1	92	3	1,061	209,859	67,321	1,986	145,984	496,824
Minnesota.....	54	115,522	52	114,547	0	0	2	975	0	0	93,467	20,915	1,140	71,196	167,591
Iowa.....	55	106,597	53	106,496	0	0	1	95	1	6	71,401	34,898	298	54,469	130,598
Missouri.....	48	139,577	47	139,542	0	0	0	0	1	35	107,622	31,328	627	68,005	209,764
North Dakota.....	25	82,052	24	81,439	0	0	0	0	1	613	54,740	27,019	293	40,494	54,389
South Dakota.....	31	46,496	31	46,496	0	0	0	0	0	0	44,586	1,812	98	29,837	51,769
Nebraska.....	36	78,359	11	18,570	25	59,789	0	0	0	0	65,927	11,854	578	47,106	90,541
Kansas.....	37	68,766	36	68,760	0	0	0	0	1	6	63,082	5,432	252	44,447	84,837
West North Central.....	286	637,369	254	575,850	25	59,789	3	1,070	4	660	500,825	133,258	3,286	355,554	789,489
Delaware.....	1	3,032	1	3,032	0	0	0	0	0	0	3,027	0	5	1,934	7,091
Maryland.....	2	10,034	2	10,034	0	0	0	0	0	0	8,233	1,801	0	4,390	20,257
Virginia.....	22	54,618	21	54,426	0	0	0	0	1	192	35,535	18,697	386	23,181	78,359
West Virginia.....	2	1,422	2	1,422	0	0	0	0	0	0	1,407	0	15	857	3,203

North Carolina.....	39	58,695	34	58,229	0	0	2	247	3	219	52,793	4,980	922	34,230	136,435
South Carolina.....	29	41,158	27	39,672	0	0	2	1,486	0	0	32,621	7,769	768	25,278	93,357
Georgia.....	46	78,392	45	78,285	0	0	0	0	1	107	72,510	4,392	1,490	55,671	207,015
Florida.....	17	26,682	15	26,469	0	0	0	0	2	213	23,614	2,881	187	15,804	49,456
South Atlantic.....	158	274,033	147	271,569	0	0	4	1,733	7	731	229,740	40,520	3,773	161,345	595,173
Kentucky.....	27	78,727	26	78,725	0	0	0	0	1	2	65,701	12,724	302	37,694	161,667
Tennessee.....	33	69,564	22	64,430	0	0	11	5,134	0	0	69,184	225	155	37,398	224,762
Alabama.....	27	54,068	25	52,551	0	0	2	1,517	0	0	45,941	7,772	355	30,063	126,827
Mississippi.....	26	64,434	25	64,365	0	0	1	69	0	0	61,562	2,590	282	39,538	169,123
East South Central.....	113	266,793	98	260,071	0	0	14	6,720	1	2	242,388	23,311	1,094	144,693	682,379
Arkansas.....	20	49,706	19	49,183	0	0	0	0	1	523	47,018	2,111	577	32,726	116,049
Louisiana.....	19	31,997	17	31,837	0	0	0	0	2	610	26,892	4,853	252	18,561	78,168
Oklahoma.....	27	66,952	26	66,756	0	0	0	0	1	196	64,742	2,007	203	45,084	110,739
Texas.....	98	159,212	97	158,176	0	0	1	1,036	0	0	139,225	18,204	1,783	117,914	288,472
West South Central.....	164	307,867	159	305,502	0	0	1	1,036	4	1,329	277,877	27,175	2,815	214,285	593,428
Montana.....	25	28,001	25	28,001	0	0	0	0	0	0	26,055	1,853	93	17,049	31,695
Idaho.....	9	8,922	9	8,922	0	0	0	0	0	0	8,365	460	97	5,430	13,827
Wyoming.....	16	15,666	15	15,587	0	0	0	0	1	79	13,641	1,900	125	9,267	15,530
Colorado.....	22	33,934	21	33,830	0	0	0	0	1	104	29,758	4,016	160	19,043	48,170
New Mexico.....	17	25,803	16	25,579	0	0	0	0	1	224	19,230	6,398	175	10,064	30,075
Arizona.....	11	14,691	9	14,449	1	142	0	0	1	100	8,115	6,531	45	3,722	11,502
Utah.....	8	11,839	8	11,839	0	0	0	0	0	0	3,139	8,645	55	2,138	6,588
Nevada.....	2	326	0	0	2	326	0	0	0	0	316	0	10	130	540
Mountain.....	110	139,182	103	138,207	3	468	0	0	4	507	108,619	29,803	760	66,843	157,927
Washington.....	23	23,857	13	15,444	10	8,413	0	0	0	0	22,021	1,757	79	12,594	30,254
Oregon.....	16	21,367	15	21,067	1	300	0	0	0	0	18,802	2,450	115	8,365	25,232
California.....	7	5,849	5	3,749	2	2,100	0	0	0	0	5,100	737	12	2,368	10,394
Pacific.....	46	51,073	33	40,260	13	10,813	0	0	0	0	45,923	4,944	206	23,327	65,880
Alaska.....	6	2,520	6	2,520	0	0	0	0	0	0	1,767	723	30	426	2,597
Virgin Islands.....	1	432	0	0	0	0	1	432	0	0	236	196	0	85	912
Territories.....	7	2,952	6	2,520	0	0	1	432	0	0	2,003	919	30	511	3,509
U. S. and Territories.....	1,066	1,999,280	976	1,910,773	41	71,070	24	11,083	25	6,354	1,657,444	327,421	14,415	1,138,107	3,475,278

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Municipalities and government authorities (excluding public power districts).

<sup>3</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>4</sup> Includes miles energized and consumers connected, shown in table 744.

Rural Electrification Administration.

TABLE 744.—*Rural Electrification Administration: Amount of advances from organization (May 11, 1935) to Jan. 1, 1950, and statistics on borrowers' operations, 1949, by States and territories*<sup>1</sup> (preliminary)

State, division, and territory	Total advances to Jan. 1, 1950 <sup>2</sup>	Statistics for systems in operation								
		As of Jan. 1, 1950			Calendar year, 1949					
		Systems	Miles energized	Consumers connected	Kw.-hr. generated	Kw.-hr. purchased	Kw.-hr. billed	Total revenue	Average monthly kw.-hr. consumption per consumer	
									All consumers	Farm consumers
	<i>1,000 dollars</i>	<i>Number</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>
Maine.....	1,300	4	756	3,325	1	4,119	3,009	172	78	84
New Hampshire.....	2,485	1	1,680	5,089	181	6,625	5,208	272	109	148
Vermont.....	2,714	3	1,684	5,229		11,687	9,148	410	165	191
Massachusetts.....	0	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0	0
North Eastern.....	6,499	8	4,120	13,643	182	22,431	17,365	854	123	157
New York.....	4,318	6	3,010	10,670	0	11,969	9,712	365	199	203
New Jersey.....	779	2	479	2,461	0	5,875	4,759	170	199	281
Pennsylvania.....	18,888	13	14,124	54,231	0	115,877	94,840	3,550	155	169
Middle Atlantic.....	23,985	21	17,613	67,362	0	133,721	109,311	4,085	160	175
Ohio.....	35,904	29	26,331	106,294	0	311,519	260,805	8,390	195	190
Indiana.....	39,358	44	32,995	127,990	0	312,595	259,542	8,889	178	177
Illinois.....	53,764	28	36,548	110,307	12,475	247,783	210,380	8,265	174	165
Michigan.....	24,937	14	13,521	55,379	65,450	55,541	98,824	3,666	164	157
Wisconsin.....	58,095	31	26,053	72,764	285,217	197,314	430,174	9,633	184	188
East North Central.....	212,058	146	135,448	472,734	363,142	1,124,752	1,259,725	38,843	180	177
Minnesota.....	85,434	54	62,791	148,744	76,867	407,592	414,032	14,807	208	208
Iowa.....	78,575	54	47,948	120,206	99,869	360,645	399,340	12,901	215	219
Missouri.....	88,690	42	50,016	162,882	15,392	379,768	323,097	10,282	157	104
North Dakota.....	55,331	24	26,164	34,369	42,799	91,363	117,772	3,764	189	177
South Dakota.....	34,776	30	20,787	35,298	1,931	58,517	49,308	2,389	152	153
Nebraska.....	50,343	36	29,606	61,621	4,846	169,957	144,922	4,838	229	184
Kansas.....	48,461	36	29,701	60,722	14,639	94,216	87,972	3,941	150	140
West North Central.....	441,610	276	267,013	623,842	256,343	1,562,058	1,536,443	52,922	189	173
Delaware.....	2,554	1	1,683	6,232	0	13,427	10,774	461	155	162
Maryland.....	8,083	2	4,127	19,344	8,397	40,778	38,506	1,579	178	133
Virginia.....	33,331	17	19,790	70,657	36,040	87,760	96,842	3,703	126	103
West Virginia.....	1,065	2	694	2,909	0	3,603	2,852	130	86	81

North Carolina.....	47,588	36	30,552	124,971	7,101	150,540	124,461	5,343	93	77
South Carolina.....	26,878	23	21,678	87,418	0	118,948	96,407	3,621	99	91
Georgia.....	54,769	43	48,325	187,556	0	296,079	244,464	8,202	115	103
Florida.....	19,667	17	12,465	41,277	18,920	55,894	60,174	2,532	133	92
South Atlantic.....	193,435	141	139,314	540,364	70,458	767,029	674,480	25,571	113	96
Kentucky.....	50,041	25	31,817	137,182	0	230,242	184,386	6,810	124	106
Tennessee.....	50,902	33	31,184	209,925	0	724,227	628,627	11,637	279	154
Alabama.....	39,202	25	26,112	118,916	43,107	270,510	268,642	6,318	158	99
Mississippi.....	45,765	24	34,471	152,520	0	272,913	223,337	6,884	139	85
East South Central.....	185,910	107	123,584	618,543	43,107	1,497,892	1,304,992	31,649	186	112
Arkansas.....	39,550	20	27,876	101,764	0	130,230	103,567	4,277	94	67
Louisiana.....	26,561	15	16,444	70,268	0	84,434	66,114	3,010	86	68
Oklahoma.....	52,174	26	36,816	87,646	1,697	128,300	103,222	4,913	111	96
Texas.....	125,580	78	102,808	254,257	68,725	473,940	452,779	14,338	109	86
West South Central.....	243,865	139	183,944	513,935	70,422	816,904	725,682	26,538	103	81
Montana.....	21,357	24	13,940	25,363	14,269	76,497	77,137	2,521	278	238
Idaho.....	7,711	9	4,854	11,560	49	38,560	32,213	875	264	224
Wyoming.....	9,677	15	6,466	11,771	5,628	34,559	32,753	1,177	260	187
Colorado.....	23,610	22	14,386	40,446	10,652	106,176	92,870	3,700	198	160
New Mexico.....	14,404	16	6,782	22,192	8,372	46,685	44,790	1,484	244	112
Arizona.....	8,692	10	1,851	7,797	27,890	4,910	25,954	800	321	136
Utah.....	2,308	6	1,224	3,292	5,688	4,050	7,586	265	201	159
Nevada.....	287	2	164	702	0	7,301	6,410	96	771	646
Mountain.....	88,046	104	49,667	123,123	72,548	318,778	319,713	10,918	245	185
Washington.....	17,231	23	10,367	23,730	5,259	115,945	105,376	2,040	474	429
Oregon.....	13,681	15	6,000	20,721	2,396	101,320	87,607	1,785	377	279
California.....	4,507	6	2,135	10,971	22,300	28,287	42,215	945	295	302
Pacific.....	35,419	44	18,502	55,422	29,955	245,552	235,198	4,770	418	357
Alaska.....	1,772	4	186	1,392	1,904	1,958	3,227	202	221	136
Virgin Islands.....	401	1	82	738	1,461	0	1,114	60	148	123
Territories.....	2,173	5	268	2,130	3,365	1,958	4,341	262	195	133
United States and Territories..	1,433,200	991	939,473	3,031,098	909,522	6,491,075	6,187,250	196,412	164	134

<sup>1</sup> State totals represent statistics for borrowers incorporated within the State.

Rural Electrification Administration.

<sup>2</sup> Actual funds advanced out of loans shown in table 743. United States total includes \$200,000 adjustment of 1942 note.

TABLE 745.—*Rural Electrification Administration: Amount of advances from date of organization (May 11, 1935) to Jan. 1, 1950, and statistics on borrowers' operations, United States, 1936-50*

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for systems in operation								
		As of Jan. 1			During year				Average monthly kw.-hr. consumption per consumer	
		Systems	Miles energized	Consumers connected	Kw.-hr. generated	Kw.-hr. purchased	Kw.-hr. billed	Total revenue	All consumers	Farm consumers
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
1936.....	10	2	0	0						
1937.....	3,339	29	3,000	7,508						
1938.....	34,538	126	18,500	43,878						
1939.....	88,345	350	67,409	176,382						
1940.....	184,099	548	181,359	436,566						
1941.....	253,336	685	267,846	674,495	83,123	854,370	724,385	35,022		
1942.....	332,033	773	348,062	902,266	131,189	1,304,623	1,150,536	46,927		
1943.....	364,324	803	378,015	1,012,284	199,228	1,828,132	1,679,381	55,588		
1944.....	378,496	811	390,058	1,087,801	213,462	2,105,332	1,925,734	64,043		
1945.....	406,371	826	410,471	1,216,798	258,397	2,344,550	2,136,384	73,607		
1946.....	2 463,542	848	449,579	1,408,918	319,913	2,730,265	2,477,509	89,948		
1947.....	2 595,730	869	506,838	1,683,901	433,282	3,720,705	3,398,290	114,998		
1948.....	2 821,143	911	603,064	2,046,095	718,283	5,018,725	4,757,051	151,674	153	121
1949.....	2 1,105,868	952	759,494	2,518,450	909,522	6,491,075	6,187,250	196,412	164	134
1950.....	2 1,433,200	991	939,473	3,031,098						

<sup>1</sup> Actual funds advanced out of loans, as shown in table 743.<sup>2</sup> Totals for 1946 through 1950 include \$200,000 adjustment of 1942 note.<sup>3</sup> Preliminary.

Rural Electrification Administration.

TABLE 746.—*Rural Electrification Administration: Annual revenues and expenses reported by R.E.A. borrowers, 1941-49*

Year	Operating revenues	Operating expenses	Interest expense	Depreciation expense	Net margin after depreciation and interest <sup>1</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1941.....	35,022	19,256	7,535		
1942.....	46,927	26,871	8,784		
1943.....	55,588	31,781	9,233		
1944.....	64,043	36,641	8,750		
1945.....	73,102	42,001	7,507	12,739	11,451
1946.....	89,090	53,582	8,675	14,671	12,853
1947.....	114,788	71,945	11,054	18,015	14,402
1948.....	151,435	97,583	14,804	24,907	14,785
1949.....	196,412	122,807	19,681	35,137	19,482

<sup>1</sup> Includes non-operating margin and miscellaneous revenue deductions not shown elsewhere in this table.<sup>2</sup> Preliminary.

Rural Electrification Administration.

TABLE 747.—*Number of farms electrified, average kilowatt-hours used, and unit of cost of electricity on farms, United States, 1929-49*

Year	Total farms electrified as of Dec. 31	East of 100th meridian			West of 100th meridian		
		Farms electrified as of Dec. 31	Electric energy used per farm	Average cost per kilowatt-hour <sup>1</sup>	Farms electrified as of Dec. 31	Electric energy used per farm <sup>2</sup>	Average cost per kilowatt-hour <sup>1</sup>
	<i>Number</i>	<i>Number</i>	<i>Kilowatt-hours</i>	<i>Cents</i>	<i>Number</i>	<i>Kilowatt-hours</i>	<i>Cents</i>
1929.....	576,150	395,530	672	7.50	180,620	7,804	1.63
1930.....	649,900	451,203	745	7.03	198,697	7,768	1.66
1931.....	698,800	493,243	775	6.93	205,557	7,479	1.68
1932.....	709,450	503,040	765	6.62	206,410	5,727	1.83
1933.....	713,550	507,514	770	6.44	206,036	6,041	1.73
1934.....	743,950	534,199	811	6.12	209,751	6,833	1.62
1935.....	788,800	572,521	873	5.57	216,279	5,673	1.78
1936.....	1,042,900	766,689	954	5.10	276,211	5,618	1.72
1937.....	1,215,400	900,600	1,014	4.72	314,800	5,179	1.80
1938.....	1,406,500	1,066,573	1,045	4.50	339,927	4,435	1.93
1939.....	1,764,000	1,361,000	1,127	4.41	403,000	5,201	1.71
1940.....	2,050,000	1,598,208	1,073	4.33	451,792	4,396	1.95
1941.....	2,296,000	1,782,600	1,133	4.02	513,400	3,520	2.20
1942.....	2,400,000	1,860,500	1,239	3.88	539,500	3,853	2.19
1943.....	2,475,000	1,916,700	1,481	3.75	558,300	3,683	2.21
1944.....	2,629,800	2,032,700	1,461	3.73	597,100	3,894	2.08
1945.....	2,929,000	2,250,900	1,571	3.66	678,100	3,943	2.09
1946.....	3,335,700	2,551,300	1,669	3.58	784,400	4,474	1.99
1947.....	3,817,100	2,915,000	1,862	3.41	902,100	4,815	1.79
1948.....	4,388,200	3,358,100	1,997	3.30	1,030,100	5,310	1.78
1949.....	4,994,700	3,797,700	2,169	3.26	1,197,000	5,388	1.79

<sup>1</sup> These rates do not include charges for the amortization of investment in lines or charges for line extensions where such are levied by the utility.

<sup>2</sup> The data on energy used for farms west of the 100th meridian vary year by year, depending on the proportion of the total consumption used for irrigation pumping. As more non-irrigation consumers are served the average consumption is reduced. Hence, the figures for the West are not strictly comparable to those for the East.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the Edison Electric Institute.

TABLE 748.—*Electric energy: Consumption on farms (electrified for 5 years or more), in eastern Iowa, 1938-47, classified by level of total income in 1947<sup>1</sup>*

Year	Low-income farms		Medium-income farms		High-income farms		All farms	
	Farms reporting	Consumption per farm	Farms reporting	Consumption per farm	Farms reporting	Consumption per farm	Farms reporting	Consumption per farm
	<i>Number</i>	<i>Kw.-hr.</i>	<i>Number</i>	<i>Kw.-hr.</i>	<i>Number</i>	<i>Kw.-hr.</i>	<i>Number</i>	<i>Kw.-hr.</i>
1938.....	6	692	25	833	15	1,073	46	893
1939.....	6	729	26	907	16	1,324	48	1,024
1940.....	10	746	29	920	18	1,614	57	1,109
1941.....	14	773	33	1,101	27	1,619	74	1,228
1942.....	17	795	45	1,144	35	1,792	97	1,316
1943.....	22	937	57	1,309	45	2,069	124	1,519
1944.....	43	926	83	1,527	57	2,040	183	1,546
1945.....	61	975	116	1,735	68	2,258	245	1,691
1946.....	78	1,108	138	1,996	76	2,605	292	1,917
1947.....	87	1,422	149	2,557	78	3,800	314	2,551

<sup>1</sup> Low income—less than \$6,000 total income. Medium income—\$6,000 to \$14,999. High income—\$15,000 and over. "Total income" refers to the total income of the operator, whether from farm or non-farm sources, less the amount paid for livestock sold during the year.

Bureau of Agricultural Economics and Iowa Agricultural Experiment Station cooperating.

TABLE 749.—*Electrical equipment: Number of pieces used on 314 farms in eastern Iowa, April 1948, classified by level of total income in 1947*<sup>1</sup>

Equipment	Farms reporting equipment			Pieces of equipment per 100 farms		
	87 low-income farms	149 medium-income farms	78 high-income farms	87 low-income farms	149 medium-income farms	78 high-income farms
Household appliances: <sup>2</sup>	Percent	Percent	Percent	Number	Number	Number
Refrigerator.....	75.9	86.6	94.9	75.9	89.9	112.8
Range.....	19.5	38.9	35.9	20.7	39.6	39.7
Water heater.....	25.3	29.5	41.0	26.4	29.5	47.4
Freezer cabinet.....	5.7	11.4	14.1	5.7	11.4	17.9
Washing machine.....	86.2	91.3	96.2	86.2	96.6	125.6
Radio.....	97.7	98.0	100.0	114.9	149.7	223.1
Iron.....	96.6	98.0	100.0	98.8	104.0	134.6
Clock.....	56.3	75.8	82.1	72.4	108.1	139.7
Toaster.....	74.7	79.9	83.3	74.7	83.2	102.6
Vacuum cleaner.....	64.4	73.8	91.0	65.5	76.5	111.5
Household fan.....	42.5	59.7	62.8	49.4	73.2	98.7
Food mixer.....	25.3	46.3	64.1	25.3	46.3	69.2
Heat pad.....	26.4	38.9	52.6	27.6	40.9	61.5
Hot plate.....	35.6	37.6	48.7	35.6	39.6	52.6
Waffle iron.....	25.3	44.3	60.3	25.3	45.0	69.2
Space heater.....	9.2	28.2	38.5	9.2	28.9	42.3
Sewing machine.....	8.0	18.8	21.8	8.0	18.8	21.8
Percolator.....	9.2	10.7	17.9	9.2	10.7	21.8
Roaster.....	6.9	4.0	14.1	6.9	4.0	14.1
Ironer.....	—	4.0	15.4	—	4.0	16.7
Coal stoker.....	4.6	4.7	19.2	4.6	4.7	19.2
Oil furnace.....	8.0	7.4	7.7	8.0	7.4	9.0
Hot air fan.....	12.6	18.1	25.6	12.6	18.1	26.9
Hot water pump.....	2.3	3.4	—	2.3	3.4	—
Air-conditioning unit.....	—	1.3	1.3	—	1.3	1.3
Blanket.....	—	2.7	3.8	—	3.4	5.1
Broiler.....	1.1	2.7	3.8	1.1	2.7	3.8
Ventilating fan.....	—	2.7	1.3	—	2.7	1.3
Ice cream freezer.....	—	2.0	2.6	—	2.0	2.6
Water system:						
Pressure system.....	48.3	60.4	64.1	51.7	75.2	89.7
Gravity system.....	3.4	13.4	21.8	3.4	13.4	26.9
Pump jack.....	33.3	34.9	38.5	34.5	37.6	42.3
Farm shop equipment:						
Air compressor.....	3.4	14.1	35.9	3.4	14.1	35.9
Drill press.....	6.9	16.8	33.3	8.0	16.8	33.3
Portable drill.....	1.1	8.7	23.1	1.1	9.4	23.1
Tool grinder.....	20.7	43.6	62.8	21.8	44.3	70.5
Power saw.....	8.0	13.4	17.9	9.2	14.1	21.8
Welder.....	3.4	8.1	24.4	3.4	8.7	24.4
Battery charger.....	3.4	8.1	7.7	3.4	8.7	7.7
Lathe.....	2.3	4.0	3.8	2.3	4.0	3.8
Forge.....	1.1	7	2.6	1.1	7	2.6
Concrete mixer.....	1.1	3.4	6.4	1.1	3.4	6.4
Soldering iron.....	18.4	28.2	37.2	19.5	29.5	43.6
Dairy equipment:						
Cream separator.....	33.3	69.1	69.2	33.3	69.8	69.2
Milking machine.....	9.2	27.5	28.2	9.2	28.2	29.5
Water heater.....	1.1	6.7	6.4	1.1	6.7	6.4
Ventilator fan.....	—	2.0	5.1	—	2.0	6.4
Churn.....	1.1	2.0	3.8	1.1	2.0	3.8
Milk cooler.....	—	7	1.3	—	7	1.3
Livestock equipment:						
Pig brooder.....	4.6	10.7	23.1	24.1	36.9	200.0
Tank heater.....	3.4	14.1	21.8	3.4	15.4	37.2
Fence controller.....	6.9	12.1	9.0	6.9	12.8	11.5
Stock clipper.....	—	1.3	3.8	—	1.3	3.8
Poultry equipment:						
Brooder hover.....	26.4	51.0	41.0	27.6	55.0	47.4
Brooder battery.....	—	7	1.3	—	7	1.3
Water warmer.....	6.9	21.5	28.2	10.3	29.5	43.6
Other farm equipment:						
Grain elevator.....	5.7	12.1	20.5	5.7	12.1	23.1
Corn sheller.....	9.2	7.4	7.7	9.2	7.4	7.7
Seed cleaner.....	3.4	6.7	16.7	3.4	6.7	16.7
Feed grinder.....	2.3	7	1.3	2.3	7	1.3
Grain drier.....	—	7	—	—	7	—
Hay hoist.....	—	7	—	—	7	—

<sup>1</sup> Low-income farms are those with less than \$6,000 total income in 1947; medium-income farms had from \$6,000 to \$14,999 total income; and high-income farms had \$15,000 or more total income. The farms are those which were electrified before Jan. 1, 1943.

<sup>2</sup> A few appliances such as grills, record players, and vaporizers are not listed.

Bureau of Agricultural Economics and Iowa Agricultural Experiment Station cooperating.



TABLE 750.—*Electric energy: Average annual consumption on 461 farms in eastern Iowa, by periods of electrification, 1938-47*

Year	Elec- trified one year	Elec- trified less than 5 years	Elec- trified 5 years and over	Elec- trified 10 years and over	All farms	Year	Elec- trified one year	Elec- trified less than 5 years	Elec- trified 5 years and over	Elec- trified 10 years and over	All farms
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>		<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>
1938.....	775	680	893	930	812	1943.....	824	1,105	1,519	1,533	1,271
1939.....	743	781	1,024	1,020	900	1944.....	702	1,126	1,546	1,678	1,354
1940.....	687	797	1,109	1,078	908	1945.....	1,105	1,045	1,691	1,775	1,465
1941.....	847	949	1,228	1,393	1,034	1946.....	886	1,138	1,917	2,073	1,675
1942.....	775	1,001	1,316	1,399	1,107	1947.....	1,286	1,367	2,551	2,969	2,174

Bureau of Agricultural Economics and Iowa Agricultural Experiment Station cooperating.

TABLE 751.—*Commodity Credit Corporation price support extended, United States and territories, on 1948 and 1949 crops through April 30 of each season*

Commodity	Unit of quantity	On 1948 crops through Apr. 30, 1949		On 1949 crops through Apr. 30, 1950	
		Quantity	Value	Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>	<i>Millions</i>	<i>Million dollars</i>
Wheat.....	Bushels.....	366.6	747.8	384.3	760.6
Upland cotton.....	Bales.....	5.2	806.1	3.2	454.8
Corn.....	Bushels.....	346.6	479.3	333.5	453.9
Grain sorghum.....	Cwt.....	23.2	57.4	47.7	108.8
Peanuts:					
Farmer's stock.....	Pounds.....	793.6	83.9	415.8	40.8
Shelled.....	do.....	506.8	77.2	427.9	64.0
Dried eggs.....	do.....	28.4	36.2	68.8	87.5
Butter.....	do.....			114.0	69.6
Dry edible beans.....	Cwt.....	8.4	68.3	9.1	62.9
Tobacco.....	Pounds.....	218.3	101.0	151.5	61.7
Wool.....	do.....	80.7	63.1	79.7	60.9
Flaxseed.....	Bushels.....	26.6	159.0	11.8	43.9
Linseed oil.....	Pounds.....	194.6	52.3		
Potatoes, Irish.....	Cwt.....	95.3	213.1	39.9	58.9
Dried milk.....	Pounds.....			325.6	39.0
Barley.....	Bushels.....	49.4	55.7	33.3	36.5
Rice.....	Cwt.....	3.5	14.9	8.2	34.8
Soybeans.....	Bushels.....	11.1	24.7	16.0	34.0
Cottonseed.....	Tons.....			.7	33.8
Oats.....	Bushels.....	23.6	15.9	40.9	27.5
Naval stores:					
Rosin.....	Pounds.....	222.9	17.8	181.9	12.4
Turpentine.....	Gallons.....	3.8	1.9	3.3	1.4
Cheese.....	Pounds.....			25.6	8.4
All other.....			14.0		15.7
Total.....			3,089.6		2,571.8

Production and Marketing Administration.

TABLE 752.—Commodity Credit Corporation loans made, by States and territories, 1949, and cumulative 1933-49<sup>1</sup>

State and division	1949									Cumulative from organization (1933) to Dec. 31, 1949								
	Barley	Corn	Cotton	Pea-nuts	Pota-toes	Tobac-co	Wheat	Other	Total	Barley	Corn	Cotton	Pea-nuts	Pota-toes	Tobac-co	Wheat	Other	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	3				12,453			170	12,626	3				82,271			170	82,444
New Hampshire.....					38				38					524				524
Vermont.....														146				146
Massachusetts.....					40				40					1,524				1,524
Rhode Island.....					40				40					691				691
Connecticut.....					98				98					1,527				1,527
New England.....	3				12,669			170	12,842	3				86,683			170	86,856
New York.....	5	58			823		3,429	5,809	10,124	5	59			7,651		5,337	6,494	19,542
New Jersey.....	7	83					735		825	7	83			61		1,164	1	1,316
Pennsylvania.....	118	1,131			186		1,698	6	3,139	118	1,138			1,918		5,002	34	8,210
Middle Atlantic.....	130	1,272			1,009		5,862	5,815	14,088	130	1,280			9,630		11,499	6,529	29,068
Ohio.....		16,536			9		13,047	1,008	30,600		19,797			161		35,397	5,055	60,410
Indiana.....		27,461					3,320	993	31,774		43,130			265		18,426	4,362	66,183
Illinois.....		98,544	40				12,002	5,606	116,193	2	266,368	48		16		48,351	16,695	331,480
Michigan.....	34	2,303			676		7,038	13,409	23,460	51	2,366			5,672		11,602	14,561	34,252
Wisconsin.....	7	1,448			22	1,483	35	111	3,106	20	1,693			1,370	1,982	4,285	721	10,071
East North Central.....	42	146,292	40		707	1,483	35,442	21,127	205,133	73	333,354	48		7,484	1,982	118,061	41,394	502,396
Minnesota.....	1,329	53,848			758		8,053	22,472	86,460	4,896	112,088			11,748		60,498	34,007	223,237
Iowa.....	15	228,858					4,076	17,852	250,801	39	606,536			290		16,905	33,408	657,178
Missouri.....		19,924	9,390				6,884	1,965	38,163	1	39,354					45,695	4,456	176,240
North Dakota.....	3,752	3,121			1,573		55,032	12,955	76,433	13,206	3,599			15,294		404,180	21,646	457,925
South Dakota.....	3,566	34,689			275		23,366	9,843	71,739	9,453	56,203			2,174		118,432	17,980	204,242
Nebraska.....	599	91,482			74		40,876	6,679	139,710	5,085	173,319			2,429		188,114	10,556	379,503
Kansas.....	439	15,277					130,940	20,572	167,228	1,238	22,685			9		569,239	23,893	617,064
West North Central.....	9,700	447,199	9,390		2,680		269,227	92,338	830,534	33,918	1,013,784	86,734		31,944		1,403,063	145,946	2,715,389
Delaware.....	3	263					954	82	1,302	3	276					3,739	325	4,343
Maryland.....	43	637				1,140	4,810	38	6,668	44	692				1,140	14,231	69	16,176
Dist. of Columbia.....																		
Virginia.....	22	74	328	578		1,787	1,784	137	4,710	26	75	3,363	5,283		7,989	3,652	147	20,535
West Virginia.....		39						7	46		39					109		148

North Carolina.....	1	243	15,505	2,299	39,866	59	162	58,134	1	255	76,229	6,244	39,866	259	169	123,022		
South Carolina.....	1	345	16,084	184	4	283	16,901	1	345	126,962	184	8	301	127,801	301	446,019		
Georgia.....	1	651	29,577	15,453	14,119	59,801	13	7,110	1	651	248,233	115,273	81,861	446,019	301	189,191		
Florida.....	5	36	7,056	13	7,110	13	7,110	5	622	35,448	152,815	201,810	21,998	83,173	927,235			
South Atlantic.....	70	2,257	61,530	25,570	42,793	7,618	14,834	154,672	75	2,338	455,409	162,432	201,810	21,998	83,173	927,235		
Kentucky.....	1	5,193	83	28,100	1,232	222	34,831	1	6,258	186	126,712	5,757	2,560	141,474				
Tennessee.....	4	234	14,206	10,295	965	17	25,721	4	251	125,428	49,200	4,007	19	178,909				
Alabama.....	64	24,054	4,773	142	29,033	142	29,033	64	292,379	17,814	2	201	310,460					
Mississippi.....	104,280	136	104,416	136	104,416	136	104,416	136	363,744	363,744	200	363,944						
East South Central.....	5	5,491	142,623	4,773	38,395	2,197	517	194,001	5	6,573	781,737	17,814	175,912	9,766	2,980	994,787		
Arkansas.....	11	57,210	2,598	59,819	11	333,078	16	2,715	335,820									
Louisiana.....	22,411	3,042	25,453	131	140,091	3,320	143,411											
Oklahoma.....	8	370	22,486	1,878	84,265	3,206	112,213	131	370	150,563	9,045	263,504	4,320	427,933				
Texas.....	274	305	134,331	3,232	86,969	52,652	277,763	868	305	856,434	23,764	256,203	73,088	1,210,662				
West South Central.....	282	686	236,438	5,110	171,234	61,498	475,248	999	686	1,480,166	32,809	519,723	83,443	2,117,826				
Montana.....	7,360	221	38,184	2,353	48,118	8,896	905	199,624	3,253	212,678								
Idaho.....	1,093	11	3,151	28,155	8,092	40,502	3,439	11	14,854	93,707	9,170	121,181						
Wyoming.....	324	3	128	5,225	5,925	11,605	561	3	1,823	15,189	10,189	27,765						
Colorado.....	4,036	253	143	37,401	13,083	54,916	4,525	293	4,206	98,828	16,420	124,272						
New Mexico.....	12	12,133	541	6,423	7,619	26,740	18	12	37,390	3,271	16,552	10,928	68,171					
Arizona.....	2,869	24,635	213	1,098	28,815	3,278	68,145	8	219	1,516	73,166							
Utah.....	198	59	3,100	285	3,642	524	563	13,065	787	14,939								
Nevada.....	24	7	98	2	131	61	164	134	163	522								
Mountain.....	15,916	279	36,768	541	3,709	118,799	38,457	214,469	21,302	319	105,535	3,271	22,523	437,318	52,426	612,694		
Washington.....	576	139	52,861	1,029	54,605	2,609	1,345	239,909	1,150	245,013								
Oregon.....	389	119	17,879	162	18,549	1,849	3,146	110,750	2,684	118,429								
California.....	16,612	3	60,950	206	5,103	7,319	90,193	26,948	3	143,642	1,564	14,091	30,871	217,119				
Pacific.....	17,577	3	60,950	464	75,843	8,510	163,347	31,406	3	143,642	6,055	364,750	34,705	580,561				
Puerto Rico.....	4,485	4,485	12,217	12,217														
Unallocated <sup>2</sup> .....	-22	-885	55,656	-183	-2,854	-1,778	49,934	10,733	<sup>3</sup> 239,467	37	9,270	12	50,333	309,852				
United States and territories	43,703	602,594	603,395	35,994	21,055	87,156	683,368	241,488	2,318,753	87,911	1,369,070	3,292,738	216,326	164,356	401,191	2,886,190	501,099	8,918,881

<sup>1</sup> Includes loans made directly by the Commodity Credit Corporation and loans made by banks and other lending agencies under CCC obligations to purchase together with loans. Renewals and extension of loans previously made are excluded. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the Association approved but not fully processed.

<sup>2</sup> Figures indicate the net change in loans not allocated to States during calendar year 1949. In consequence, the negative items represent net reductions in amounts which were shown as unallocated at the end of calendar year 1948.

<sup>3</sup> Includes loans to cotton cooperatives and the 1933 cotton loan for which State data are not available.

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TABLE 753.—Commodity Credit Corporation loans made, United States and territories, by crop years, from date of organization (1933) through Dec. 31, 1949<sup>1</sup>

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
	<i>1,000 bushels</i>	<i>1,000 dollars</i>		<i>1,000 cwt.</i>	<i>1,000 dollars</i>
Barley:			Dry beans:		
1940.....	7,499	2,391	1943.....	455	2,544
1941.....	16,297	6,860	1947.....	1	6
1942.....	15,199	8,152	1948.....	4,048	33,105
1943.....	761	558	1949.....	5,538	37,510
1944.....	3,302	2,799		10,042	73,165
1945.....	1,027	758		<i>1,000 cwt.</i>	
1946.....	491	374	Dry peas:		
1947.....	338	322	1943.....	43	182
1948.....	31,924	35,894	1944.....	52	208
1949.....	27,004	29,803	1948.....	1	4
	103,842	87,911	1949.....	390	1,193
	<i>1,000 pounds</i>			486	1,587
Butter:				<i>1,000 tons</i>	
1938.....	114,264	29,095	Figs:		
1939.....	12,836	3,042	1937.....	4.2	84
1940.....	66	19	1938.....	7.4	125
	127,166	32,156	1939.....	3.0	51
	<i>1,000 bushels</i>			14.6	260
Corn:				<i>1,000 pounds</i>	
1933.....	267,762	121,276	Fiber flax:		
1934.....	20,075	11,042	1946.....	2,579	1,237
1935.....	30,966	13,934		<i>1,000 bushels</i>	
1936.....	158	87	Flaxseed:		
1937 (fall of 1937).....	47,117	22,871	1941.....	749	1,245
1937 (fall of 1938).....	14,000	7,980	1942.....	1,576	3,488
1938.....	229,839	130,882	1943.....	595	1,581
1939.....	301,729	171,756	1944.....	60	168
1940.....	103,125	62,835	1945.....	129	368
1941.....	110,871	80,914	1946.....	24	67
1942.....	56,401	43,605	1947.....	527	2,521
1943.....	7,895	6,648	1948.....	1,380	7,844
1944.....	20,647	18,439	1949.....	7,944	29,317
1945.....	2,996	2,768		12,984	46,599
1946.....	25,982	28,140		<i>1,000 cwt.</i>	
1947.....	1,134	1,480	Grain sorghums:		
1948.....	370,636	512,472	1940.....	44	23
1949.....	97,962	131,941	1941.....	191	117
	1,709,295	1,369,070	1942.....	68	66
	<i>1,000 bales</i>		1943.....	26	39
Cotton:			1944.....	4,601	7,741
1933.....	1,926	99,498	1945.....	6	9
1934.....	4,632	282,644	1946.....	309	496
1933-34 pool <sup>2</sup> .....		51,416	1947.....	42	85
1935.....	115	5,777	1948.....	19,415	48,078
1937.....	5,581	243,275	1949.....	21,881	47,138
1938.....	4,482	205,329		46,583	103,792
1939.....	30	1,324		<i>1,000 pounds</i>	
1940.....	3,180	153,140	Hops:		
1941.....	2,221	153,012	1938.....	7,077	1,388
1942.....	3,143	290,762		<i>1,000 barrels</i>	
1943.....	3,594	342,424	Naval stores:		
1944.....	2,122	218,276	Turpentine.....		
1945.....	216	22,285	1934-35.....	161	3,821
1946.....	145	17,761	1938.....	187	1,908
1947.....	280	36,688	1939.....	122	1,213
1948.....	5,272	822,635	1940.....	59	627
1949.....	2,383	346,492	1942.....	152	4,177
	39,322	3,292,738	1943.....		3
	<i>1,000 tons</i>		1947.....	56	1,741
Cottonseed:			1948.....	76	1,894
1949.....	1.9	93	1949.....	65	1,325
	<i>1,000 pounds</i>			878	16,709
Dates:					
1937.....	1,533	61			

See footnotes at end of table.

TABLE 753.—Commodity Credit Corporation loans made, United States and territories, by crop years, from date of organization (1933) through Dec. 31, 1949<sup>1</sup>—Continued

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
Naval stores—Continued:	1,000 drums	1,000 dollars	Rye:	1,000 bushels	1,000 dollars
Rosin:			1939	1,500	567
1934-35	370	2,955	1940	4,247	1,619
1938	937	9,861	1941	2,451	1,224
1939	668	7,603	1942	5,244	3,133
1940	525	6,001	1943	132	99
1941	133	1,576	1944	59	44
1942	346	5,438	1945	23	17
1943	7	120	1948	764	945
1947	3	87	1949	682	823
1948	429	17,846		15,102	8,471
1949	327	11,552		1,000 pounds	
	3,745	63,039	Seeds miscellaneous:		
	1,000 bushels		1943	174	20
Oats:			1944	37,777	2,270
1945	2,933	1,275	1945	3,689	522
1946	788	364	1946	8,035	564
1947	244	141	1947	19,396	746
1948	15,188	9,963		69,071	4,122
1949	27,561	18,322		1,000 bushels	
	46,714	30,065	Soybeans:		
	1,000 tons		1941	149	154
Peanuts:			1942	3,641	5,526
1937	86.3	5,267	1943	261	480
1938	121.4	7,035	1944	79	165
1939	13.2	817	1945	32	67
1940	29.8	1,867	1946	6,456	13,323
1944	125.7	21,242	1947	3,536	7,251
1945	154.5	25,603	1948	6,976	15,519
1946	200.2	34,284	1949	7,532	16,728
1947	191.5	37,418		28,962	59,213
1948	241.6	50,587		1,000 cwt.	
1949	166.3	32,206	Sweetpotatoes:		
	1,330.5	216,326	1943	63	130
	1,000 pounds		1945	9	13
Pecans:			1946	5	7
1938	3,705	371		77	150
	1,000 cwt.			1,000 pounds	
Potatoes:			Tobacco:		
1943	4,367	6,896	1931-35	69,755	8,635
1944	5,949	7,504	1937	5,627	934
1945	33,958	38,915	1938	708	35
1946	68,981	63,873	1939	18,314	2,731
1947	8,669	10,229	1940	98,155	13,156
1948	21,710	29,536	1941	14,998	2,540
1949	11,021	7,403	1942	10,941	2,443
	154,655	164,356	1943	1,935	532
	1,000 tons		1944	1,829	529
Prunes:			1945	15,921	6,258
1937	56.1	2,357	1946	256,442	91,754
1938	22.8	397	1947	290,046	122,115
1940	91.1	5,383	1948	233,352	107,038
	170.0	8,137	1949	103,459	42,491
	1,000 tons			1,121,482	401,191
Raisins:				1,000 bushels	
1937	22.6	1,245	Wheat:		
1938	105.5	2,688	1938	85,745	49,216
1940	109.2	5,146	1939	117,702	117,370
	237.3	9,079	1940	278,430	200,629
	1,000 cwt.		1941	366,326	361,556
Rice:			1942	408,136	468,168
1948	153	658	1943	130,170	164,293
1949	1,420	6,021	1944	180,412	249,841
	1,573	6,679	1945	59,680	80,261
			1946	21,988	31,788
			1947	31,239	57,173
			1948	254,905	519,957
			1949	296,965	585,938
				2,281,698	2,886,190

See footnotes at end of table.

TABLE 753.—Commodity Credit Corporation loans made, United States and territories, by crop years, from date of organization (1933) through Dec. 31, 1949<sup>1</sup>—Continued

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
	1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars
Wool and mohair:			Other loan programs—Continued		
1938.....	83,088	14,916	1943 foreign purchase facilities		3,387
1939.....	10,890	1,914	1943 olive oil.....		457
	93,978	16,830	1943 Raisin Producer's Association.....		25
Other loan programs:			1943 war hemp.....		28
1942 fiber flax facilities.....		917	1949 storage facility loan.....		7,416
1942 hempseed and harvesting equipment.....		36			17,896
1942 linseed oil.....		1,981			
1942 peanut equipment and warehousing.....		3,643	Grand total.....		8,918,881
1943 American-Egyptian cotton seed.....		6			

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded. Loans made but not fully processed are included.

<sup>2</sup> Partly estimated.

<sup>3</sup> Loans to the Cotton Producers Pool were second-lien advances on cotton in the pool. The 1932 advance was \$20 per 500-pound bale and the 1934 advance was an additional \$10 on cotton remaining in the pool. The number of bales involved is excluded from the quantities placed under loan.

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TABLE 754.—Commodity Credit Corporation loans made, United States and territories, 1933–49, and loans outstanding Jan. 1, 1950

Commodity or program	Unit of quantity	Total loans made, 1933-1949 <sup>1</sup>		Loans outstanding Jan. 1, 1950				Quantity of collat- eral re- main- ing pledged
		Quantity pledged	Amount	Book value <sup>2</sup>				
				Held by C.C.C.	Held by leading agencies	Approved, not pro- cessed	Total	
			1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		
Barley-----	1,000 bu-----	103,842	87,911	25,608	7,541	1,807	34,956	31,885
Butter-----	1,000 lb-----	127,166	32,156					
Corn-----	1,000 bu-----	1,709,295	1,369,070	465,118	21,298	109,895	596,311	434,555
Cotton-----	1,000 bales-----	39,322	3,292,738	82,565	227,592	27,609	337,766	2,326
Cottonseed-----	1,000 tons-----	1.9	93	82	4	7	93	1.0
Dates-----	1,000 lb-----	1,533	61					
Dry beans-----	1,000 cwt-----	10,042	73,165	19,040	9,576	8,923	37,540	5,542
Dry peas-----	1,000 cwt-----	486	1,587	103	317	776	1,195	390
Figs-----	1,000 tons-----	14.6	260					
Fiber flax-----	1,000 lb-----	2,579	1,237					
Flaxseed-----	1,000 bu-----	12,984	46,599	5,586	22,302	1,774	29,662	8,004
Grain sorghums-----	1,000 bu-----	46,583	103,792	9,572	11,332	26,289	47,194	21,906
Hops-----	1,000 lb-----	7,077	1,388					
Miscellaneous seeds-----	1,000 lb-----	69,071	4,122					
Naval stores:								
Rosin-----	1,000 drums-----	3,745	63,039	11,486			11,486	325
Turpentine-----	1,000 bbls-----	878	16,709	1,310			1,310	64
Oats-----	1,000 bu-----	46,714	30,065	6,151	12,479	1,066	19,695	29,749
Peanuts-----	1,000 tons-----	1,330.5	216,326	17,313	4,464		21,777	111.0
Pecans-----	1,000 lb-----	3,705	371					
Potatoes, Irish-----	1,000 cwt-----	154,655	164,356	1,032	5,683	614	7,329	10,912
Potatoes, sweet-----	1,000 cwt-----	77	150					
Prunes-----	1,000 tons-----	170.0	8,137					
Raisins-----	1,000 tons-----	237.3	9,079					
Rice-----	1,000 cwt-----	1,573	6,679	1,641	3,516	851	6,008	1,417
Rye-----	1,000 bu-----	15,102	8,471	239	652	81	972	804
Soybeans-----	1,000 bu-----	28,962	59,213	4,122	5,210	7,603	16,935	7,930
Tobacco-----	1,000 lb-----	1,121,482	401,191	151,892			151,892	367,258
Wheat-----	1,000 bu-----	2,281,698	2,886,190	154,223	432,088	11,632	597,943	303,112
Wool and mohair-----	1,000 lb-----	93,978	16,830					
Other loans-----			17,896	4,691	2,701		7,392	
Total-----			8,918,881	961,774	766,755	198,927	1,927,456	

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded. Includes loans made not fully processed.

<sup>2</sup> Book values of outstanding loans include face amounts and any charges paid. Accrued charges are excluded.

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TABLE 755.—Commodity Credit Corporation loans made, settled, and outstanding, by commodities, United States and territories, 1949

Commodity	Loans outstanding Jan. 1, 1949	New loans made <sup>1</sup>	Repayments	Collateral acquired in settlement	Loans written off <sup>2</sup>	Loans outstanding Dec. 31, 1949			
						Held by Commodity Credit Corporation	Held by private lending agencies	Approved, not processed	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Basic commodities:									
Corn.....	41,832	602,594	7,814	39,995	306	465,118	21,298	109,895	596,311
Cotton, Upland.....	563,003	602,869	233,481	594,990	4	82,259	227,592	27,546	337,397
Peanuts.....	34,789	35,994	48,835	-----	171	17,313	4,464	-----	21,777
Rice.....	415	6,228	611	23	1	1,641	3,516	851	6,008
Tobacco.....	128,984	87,156	64,066	-----	162	151,892	-----	-----	151,892
Wheat.....	416,701	683,368	69,053	431,565	1,508	154,223	432,088	11,632	597,943
Total.....	1,185,704	2,018,209	423,860	1,066,573	2,152	872,446	688,958	149,924	1,711,328
Designated nonbasic commodities: Potatoes, Irish..	15,468	21,055	28,899	-----	295	1,032	5,683	614	7,329
Other nonbasic commodities:									
Barley.....	21,431	43,703	7,287	22,483	408	25,608	7,541	1,807	34,956
Beans, dry edible.....	16,530	54,074	3,020	30,035	9	19,040	9,576	8,923	37,540
Cotton, American-Egyptian.....	-----	526	-----	157	-----	306	-----	63	369
Cottonseed.....	-----	93	-----	-----	-----	82	4	7	93
Flaxseed.....	4,139	33,017	2,100	5,132	262	5,586	22,302	1,774	29,662
Grain sorghum.....	14,346	80,852	651	47,284	69	9,572	11,332	26,289	47,194
Naval stores:									
Rosin.....	16,293	12,297	133	16,971	-----	11,486	-----	-----	11,486
Turpentine.....	1,820	1,399	120	1,789	-----	1,310	-----	-----	1,310
Oats.....	6,992	21,172	2,599	5,779	91	6,151	12,479	1,066	19,695
Peas, dry edible.....	-----	1,197	-----	-----	-----	103	317	776	1,195
Rye.....	638	1,112	155	612	11	239	652	81	972
Soybeans.....	9,594	22,631	534	14,708	48	4,122	5,210	7,603	16,935
Total.....	91,783	272,073	16,601	144,950	898	83,605	69,413	48,389	201,407
Other loans: Storage facility loans.....	-----	7,416	24	-----	-----	4,691	2,701	-----	7,392
Grand total.....	1,292,955	2,318,753	469,384	1,211,523	3,345	961,774	766,755	198,927	1,927,456

<sup>1</sup> Includes loans made not fully processed.

<sup>2</sup> Includes transfers to accounts receivable.

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TABLE 756.—Commodity Credit Corporation inventory transactions, by program and commodity, United States, 1949

Program and commodity	Value					Quantity					
	Inventory, Jan. 1, 1949	Purchases	Collateral acquired from loans	Sales	Inventory, Dec. 31, 1949 <sup>1</sup>	Unit of quantity	Inventory, Jan. 1, 1949	Purchases	Collateral acquired from loans	Sales	Inventory, Dec. 31, 1949 <sup>1</sup>
Price support program:	1,000	1,000	1,000	1,000	1,000						
Basic commodities:	dollars	dollars	dollars	dollars	dollars		Thou-	Thou-	Thou-	Thou-	Thou-
Corn.....	106,052	106,052	43,532	43,812	116,817	Bushels.....	75,746	30,553	30,473	76,100	
Cotton, upland.....	1,021	<sup>2</sup> - 62	600,214	9,173	617,712	Bales.....	8	3,781	77	3,712	
Peanuts, farmers' stock.....	25,295	14,236		8,140	7,441	Pounds.....	231,793	136,516	170,206	70,594	
Peanuts, shelled.....	18,063	90,348		84,807	314	do.....	118,129	600,869	799,452	2,132	
Rice.....		2,345	23	25	2,936	Cwt.....		605	6	8	432
Tobacco.....	1,739			1,814		Pounds.....	6,385		6,385		
Wheat.....	54	158,819	441,936	290,690	398,777	Bushels.....	28	75,355	211,467	126,926	162,114
Total, basic commodities.....	46,172	371,738	1,085,705	438,461	1,143,997						
Designated nonbasic commodities:											
Milk and butterfat:											
Butter.....		63,309		4,650	59,519	Pounds.....		103,810		7,488	96,260
Cheese.....		7,607		1	7,781	do.....		23,149			23,148
Milk, nonfat, dry.....		35,551		10,606	27,399	do.....		297,873		81,705	215,779
Potato starch.....		702		246	630	do.....		14,740		4,099	10,633
Potatoes, Irish.....	4,362	113,763		17,903	3	Cwt.....	198,143	47,634		49,537	2
Wool.....	91,938	51,928		79,466	53,510	Pounds.....	124,607	72,008		124,798	69,404
Total, designated nonbasic commodities.....	96,300	272,860		112,872	148,842						
Other nonbasic commodities:											
Barley.....	16	19,538	24,132	17,413	35,088	Bushels.....	14	17,595	20,980	13,902	24,626
Beans, dry edible.....		12,346	30,600	2,577	42,860	Cwt.....		1,492	3,674	306	4,851
Cotton, American-Egyptian.....	7		157		166	Bales.....			1		1
Cottonseed.....		3,209		47	3,342	Tons.....		68		2	66
Eggs:											
Dried.....	30,049	78,379		20,627	89,317	Pounds.....	23,612	61,636		16,180	69,036
Liquid or frozen.....	8,903			9,842	2	do.....	27,411			27,404	6
Flax fiber.....	284			159	84	do.....	603			428	178
Flaxseed.....	128,786	14,663	5,252	65,194	88,345	Bushels.....	20,668	2,524	905	10,163	13,943
Fruit, dehydrated or dried:											
Apples.....		38		41		Pounds.....		270		270	
Apricots.....		13		15		do.....		69		69	
Dates.....						do.....					
Figs.....						do.....					
Peaches.....		9		11		do.....		69		69	
Prunes.....	126	9,641		6,306	5,006	do.....	1,592	124,683		76,287	49,985
Raisins.....	128	9,323		8,305	2,210	do.....	1,558	115,449		94,031	22,972
Grain sorghum.....		5,643	47,937	37,728	17,315	Cwt.....		2,315	19,268	15,414	6,152
Hemp fiber.....	296			309		Pounds.....	1,246			1,293	
Linseed oil.....	8,627	101,669		2,060	111,338	do.....	31,720	370,915		7,638	394,828



Honey						Pounds					
Naval stores:											
Rosin			16,971	2	17,111	do			210,880	38	210,838
Turpentine	918		1,789	1,167	1,101	Gallons	1,408		3,530	2,907	2,032
Oats		4,441	6,392	4,329	9,597	Bushels		6,782	9,707	5,237	11,268
Peas, dry edible		1,893		1,827	10	Cwt.		395		393	2
Rye		641	671	406	1,380	Bushels		514	533	256	776
Seeds, hay and pasture	320			81	147	Pounds	3,054			2,328	726
Seeds, winter cover crop						do					
Sugar, Puerto Rican and Virgin						do					
Island subsidy		38				do		3			
Soybeans		10,266	15,706	24,394	7,498	Bushels		4,466	6,752	8,526	3,029
Sweetpotatoes		5		13		Cwt.		2		2	
Tung oil	826			698		Pounds	3,069			3,066	
Turkeys		306			309	do		725			726
Vegetables, canned						do					
Total, other nonbasic commodities	179,286	272,031	149,607	203,551	432,226						
Total, price support programs	321,758	916,629	1,235,312	754,884	1,725,065						
Supply programs:											
Processed and packaged commodities	17,728	89,480		105,434	5,114	Pounds	247,882	1,307,055		1,502,416	51,843
Cotton, upland	566	503		1,080		Bales	3	3		6	
Feed for Government facilities		156		156		Tons		3		3	
Grains	114,037	485,729		613,837	17,129	do	51,107	240,553		283,151	8,091
Mexican meat, canned <sup>1</sup>	15,710	—17,387		12,513	12,468	Pounds	56,776	—62,813		97,184	49,446
Molasses						Gallons					
Oils and vegetables	274	10,988		10,783	1,624	Pounds	1,410	93,752		78,928	16,099
Soybeans	668	21,209		22,638	252	Bushels	254	8,453		8,617	91
Other		3									
Total, supply program	148,983	590,681		766,441	36,587						
Foreign purchase program:											
Fats and oils		14,154		14,194		Pounds		144,629		144,714	
Mexican meat, canned						do					
Rice		16,262		17,091		do		206,661		206,661	
Sugar, Cuban (prior to Oct. 31, 1947)		87		91		do		669		669	
Sugar, Cuban						do					
Sugar (purchased for export)		40,933		40,992		do		1,005,278		1,005,278	
Total, foreign purchase		71,436		72,368							
Grand total	470,741	1,578,746	1,235,312	1,593,693	1,761,652						

<sup>1</sup> Inventory adjustments and similar items, not shown separately, are reflected in the inventory at end of year.

<sup>2</sup> Represents adjustment incident to grading and sampling.

<sup>3</sup> Transferred to subsidy program.

<sup>4</sup> Reflects 135,968,832 pounds with value of \$37,620,218 transferred from Bureau of Animal Industry.

Production and Marketing Administration.

## CHAPTER X

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Also included are historical data on payments to farmers, as well as data on land use.

A new table on State aid for soil conservation work has been added to this chapter.

TABLE 757.—*Payments made to assist farmers carrying out conservation practices under the agricultural conservation program, United States and territories, by program years, 1936-49*<sup>1</sup>

Program year	Payment	Program year	Payment	Program year	Payment
	<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
1936.....	60,732	1941.....	123,960	1946.....	267,555
1937.....	90,791	1942.....	168,087	1947.....	244,748
1938.....	93,919	1943.....	215,242	1948.....	194,503
1939.....	117,078	1944.....	293,867	1949 <sup>2</sup> .....	230,303
1940.....	116,008	1945.....	231,068		

<sup>1</sup> Includes payments under Naval Stores Program. Administrative expenses not included.

<sup>2</sup> Preliminary.

Production and Marketing Administration. Data on parity payments, adjustment payments, and other payments under agricultural conservation program in Agricultural Statistics 1946, table 705.

### FOOTNOTES FOR TABLE 758:

<sup>1</sup> Turpentine places under the Naval Stores Program are not included in "Participating farms" but number of payees under such program are included in "Payees."

<sup>2</sup> Cropland on participating farms as percentage of total cropland acreage in State.

<sup>3</sup> Totals are rounded from complete figures.

<sup>4</sup> Less than \$500.

Production and Marketing Administration.

**TABLE 758.—Number of farms, percentage of cropland on participating farms, payees, and payments under the 1948 agricultural conservation program, by States and territories**

State and division	Participating farms <sup>1</sup>	Percentage of cropland <sup>2</sup>	Payees	Payments <sup>3</sup>			
				Soil and range-building practices	Naval stores	Total gross payments	Average payment per payee
	Number	Percent	Number	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
Maine.....	7,738	44.7	7,738	476	-----	476	61.47
New Hampshire.....	5,070	47.3	5,070	241	-----	241	47.51
Vermont.....	9,597	64.2	9,597	678	-----	678	70.67
Massachusetts.....	6,861	45.7	6,864	331	-----	331	48.27
Rhode Island.....	857	48.7	857	44	-----	44	51.31
Connecticut.....	4,527	57.2	4,528	263	-----	263	58.13
New York.....	60,862	59.1	61,051	3,297	-----	3,297	54.01
New Jersey.....	10,931	76.1	11,305	558	-----	558	49.37
Pennsylvania.....	64,652	54.5	66,777	3,330	-----	3,330	49.87
North Atlantic.....	171,095	57.0	173,787	9,219	-----	9,219	53.05
Ohio.....	118,757	62.7	149,934	3,712	-----	3,712	24.76
Indiana.....	108,332	74.8	123,521	3,431	-----	3,431	27.78
Illinois.....	128,423	64.5	149,847	5,545	-----	5,545	37.00
Michigan.....	81,198	53.2	88,047	2,938	-----	2,938	33.37
Wisconsin.....	134,022	77.2	145,353	4,159	-----	4,159	28.62
Minnesota.....	104,186	58.2	112,778	3,882	-----	3,882	34.42
Iowa.....	143,725	72.5	181,418	5,163	-----	5,163	28.46
Missouri.....	103,387	55.3	110,409	4,729	-----	4,729	42.84
North Dakota.....	44,678	76.0	45,469	3,037	-----	3,037	66.79
South Dakota.....	29,179	50.9	30,532	2,812	-----	2,812	92.09
Nebraska.....	65,742	50.4	80,551	3,531	-----	3,531	43.84
Kansas.....	35,957	36.5	38,765	4,331	-----	4,331	111.72
North Central.....	1,097,586	60.2	1,256,624	47,271	-----	47,271	37.62
Delaware.....	4,534	62.1	5,114	229	-----	229	44.78
Maryland.....	15,006	63.0	16,137	888	-----	888	55.00
Virginia.....	62,449	63.2	65,205	2,796	-----	2,796	42.88
West Virginia.....	29,171	51.4	29,180	1,202	-----	1,202	41.20
North Carolina.....	93,376	51.1	98,312	4,038	-----	4,038	41.08
South Carolina.....	31,422	46.1	32,397	2,156	2	2,158	66.61
Georgia.....	65,948	59.0	69,980	3,853	170	4,023	57.49
Florida.....	21,172	49.5	22,400	1,260	55	1,315	58.71
South Atlantic.....	323,078	55.2	338,725	16,423	227	16,650	49.15
Kentucky.....	127,822	78.2	130,656	4,030	-----	4,030	30.84
Tennessee.....	93,457	61.2	95,311	3,925	-----	3,925	41.18
Alabama.....	53,643	50.4	57,737	3,910	14	3,924	67.96
Mississippi.....	52,114	53.9	55,730	3,713	6	3,719	66.73
Arkansas.....	66,853	57.7	71,154	3,023	-----	3,023	42.48
Louisiana.....	27,646	49.2	29,226	2,418	(*)	2,418	82.73
Oklahoma.....	48,878	33.6	51,260	4,505	-----	4,505	87.88
Texas.....	111,537	41.2	117,988	12,244	-----	12,244	103.77
South Central.....	581,950	49.1	609,062	37,768	20	37,788	62.04
Montana.....	14,148	58.7	14,512	2,025	-----	2,025	139.57
Idaho.....	12,291	43.8	14,008	1,027	-----	1,027	73.30
Wyoming.....	5,424	55.8	5,687	880	-----	880	154.77
Colorado.....	18,104	55.3	19,510	1,799	-----	1,799	92.18
New Mexico.....	7,553	61.6	8,087	1,071	-----	1,071	132.49
Arizona.....	2,160	44.4	2,284	658	-----	658	288.22
Utah.....	6,266	34.0	4,991	520	-----	520	104.25
Nevada.....	1,023	37.1	1,039	127	-----	127	122.36
Washington.....	18,272	75.7	18,719	1,448	-----	1,448	77.37
Oregon.....	9,907	35.6	10,010	1,187	-----	1,187	118.56
California.....	11,550	22.9	11,819	2,331	-----	2,331	197.26
Western.....	106,698	49.8	110,666	13,075	-----	13,075	118.15
Alaska.....	137	92.9	137	17	-----	17	122.66
Hawaii.....	1,202	6.1	1,202	53	-----	53	43.98
Puerto Rico.....	14,248	51.7	14,514	423	-----	423	29.15
Virgin Islands.....	62	9.8	63	9	-----	9	146.40
Territories.....	15,649	40.6	15,916	502	-----	502	31.54
Total.....	2,296,056	65.6	2,504,780	124,257	246	124,503	49.71

See footnotes on preceding page.

TABLE 759.—Selected soil-building and range-building practices carried out under agricultural conservation programs, United States and territories, by program years, 1939-48<sup>1</sup>

Practice	Unit	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
<b>Application of materials:</b>											
Ground limestone or equivalent.....	1, 000 tons.....	5,796	12,008	13,530	18,972	19,030	23,828	21,338	28,580	29,286	22,285
Do.....	1, 000 acres.....	3,840	7,696	8,282	10,765	11,182	13,844	11,571	14,297	14,590	10,778
Superphosphate (20 percent or equivalent).....	1, 000 tons.....	510	749	909	1,073	1,873	1,949	2,401	2,707	2,746	2,355
Do.....	1, 000 acres.....	3,500	5,511	7,080	8,084	17,203	15,779	19,651	20,329	20,784	17,343
Mulching.....	1, 000 tons.....	221	332	278	274	342	205	216	147	238	148
Do.....	1, 000 acres.....	93	134	115	118	266	138	121	82	166	106
Potash (50 percent K <sub>2</sub> O or equivalent).....	1, 000 tons.....	7	9	13	34	82	-----	119	142	175	147
Do.....	1, 000 acres.....	227	293	469	968	3,822	-----	5,695	6,033	7,184	5,270
Gypsum (18 percent sulphur or equivalent).....	1, 000 tons.....	27	62	69	94	99	291	587	282	315	110
Do.....	1, 000 acres.....	138	266	413	246	641	724	631	658	744	285
Green manure and cover crops <sup>2</sup> .....	1, 000 acres.....	11,798	21,685	14,497	17,343	25,145	22,948	18,970	18,419	18,618	13,987
<b>Erosion control and pasture improvement:</b>											
Standard and broad-base terraces.....	1, 000 miles.....	67	55	46	42	58	87	53	78	82	60
Do.....	1, 000 acres.....	1,246	1,104	1,049	899	1,093	1,722	903	1,572	1,593	1,253
Open drainage ditches.....	1, 000 cu. yds.....	-----	-----	42	108	6,271	55,024	52,648	89,415	104,195	52,833
Tile drainage ditches.....	1, 000 rods.....	-----	-----	1	-----	3,437	3,871	4,293	5,148	5,499	5,499
Contour farming intertilled crops.....	1, 000 acres.....	6,085	7,848	8,151	9,681	12,249	13,171	10,214	6,753	6,192	2,247
Contour seeding small grain crops.....	1, 000 acres.....	989	1,113	1,701	1,473	2,362	4,837	7,068	3,700	2,565	2,175
Establishing sod waterways.....	1, 000 acres.....	-----	171	189	2,054	6,691	39,388	63,165	31,055	35,377	36,791
Tillage for erosion control <sup>3</sup> .....	1, 000 acres.....	5,838	9,528	8,325	9,205	11,575	12,310	2,991	3,238	3,530	3,102
Development of natural watering places.....	Number.....	3,887	5,760	3,809	2,212	1,185	1,427	1,624	2,476	2,009	986
Protecting summer fallow.....	1, 000 acres.....	8,807	7,417	8,066	14,106	10,670	12,325	14,032	14,048	12,143	11,275
Establishment and maintenance of fireguards.....	1, 000 lin. ft.....	17,720	27,092	38,873	59,804	79,022	84,755	82,656	85,003	80,244	82,536
Dams and reservoirs, earth moved, concrete and masonry materials.....	1, 000 cu. yds.....	49,919	64,654	51,887	43,852	49,102	127,267	92,581	154,357	139,957	68,890
Do.....	Number <sup>4</sup> .....	37,304	73,337	54,312	55,863	59,132	100,017	70,836	126,060	118,714	60,351
Drilling and digging wells.....	1, 000 lin. ft.....	990	1,104	805	792	911	1,371	1,391	1,673	1,334	489
Do.....	Number.....	5,634	6,860	4,296	4,274	5,621	8,761	7,619	9,689	7,522	3,524
Stripcropping.....	1, 000 acres.....	4,577	5,748	6,194	8,404	7,118	6,866	6,783	6,704	7,068	6,425
Reseeding pasture land.....	1, 000 acres.....	3,286	3,734	2,950	2,514	3,119	4,675	4,217	4,400	5,238	3,538
Grazing land management.....	1, 000 acres.....	-----	-----	-----	-----	81,193	79,780	81,432	94,848	27,258	8,334
Leveling land for irrigation.....	1, 000 acres.....	-----	-----	-----	-----	-----	1,154	769	751	749	405
<b>Forestry practices:</b>											
Planting trees.....	1, 000 acres.....	61,974	144,772	79,135	60,808	43,130	-----	18,030	43,801	45,179	61,065
Maintaining stands.....	1, 000 acres.....	151	190	166	177	108	-----	33	18	17	20
Improving stands.....	1, 000 acres.....	70	105	66	68	35	-----	( <sup>5</sup> )	35	62	22.

<sup>1</sup> Payment under the 1948 program with respect to these practices represents about 89 percent of the total 1948 practice payments. Series revised to include practices carried out under the program in Alaska, Hawaii and Puerto Rico.

<sup>2</sup> Does not include acreage of cover consisting of summer legumes interplanted or grown in combination with other crops, nor acreage of natural cover of Sudan, sorghum, or small-grain stubble for wind-erosion protection.

<sup>3</sup> Includes listing, furrowing, pit cultivation and emergency listing at right

angles to wind on cropland; and contour listing, chiseling and ridging on noncrop pasture and range land.

<sup>4</sup> Revised series.

<sup>5</sup> Less than 500 acres.

Production and Marketing Administration. Data for 1936, 1937 and 1938 in Agricultural Statistics, 1947, table 723.

TABLE 760.—Selected soil-building and range-building practices carried out under the 1948 agricultural conservation program, by States and territories<sup>1</sup>

State and division	Application of materials					Deferred grazing	Grazing land management	Re seeding pasture land
	Ground limestone or equivalent	20-percent super-phosphate or equivalent	50-percent muriate potash or equivalent	Gypsum (12-percent sulphur)	Mulching			
	Tons	Tons	Tons	Tons	Tons	Acres	Acres	Acres
Maine.....	52,337	8,527	1,527		4,660			
New Hampshire.....	27,217	8,278	761		892			
Vermont.....	64,836	24,533	1,792		951			485
Massachusetts.....	48,951	10,199	3,116		5,103			
Rhode Island.....	5,539	1,631	100					
Connecticut.....	43,800	8,026	1,293		1,026			
New York.....	526,738	96,314	503		22,055			15,946
New Jersey.....	153,006	13,890	2,836		1,589			6,534
Pennsylvania.....	925,852	55,723	78					8,591
North Atlantic.....	1,848,276	227,121	12,006		36,276			31,556
Ohio.....	1,778,846	166,433	31,655		13,682			23,665
Indiana.....	1,827,377	66,417	10,456		2,743			22,036
Illinois.....	4,281,122	291,295	2,778					8,746
Michigan.....	708,067	68,366	7,060		1,280			26,541
Wisconsin.....	1,788,564	119,017	27,696		2,858			59,607
Minnesota.....	294,228	74,849	4,116	1,689	1,493			60,512
Iowa.....	2,687,051	103,789	5,166					29,981
Missouri.....	2,389,384	76,096	8,588					12,658
North Dakota.....		1,844					2,315,250	26,631
South Dakota.....		3,283	28			1,680		48,408
Nebraska.....						785,014		10,188
Kansas.....	594,762	14,219				783	499,361	13,085
North Central.....	16,349,401	985,608	97,543	1,689	22,056	787,477	2,814,611	342,058
Delaware.....	57,222	3,853						2,832
Maryland.....	238,976	19,989	2,401					11,230
Virginia.....	624,427	83,191	5,435					11,707
West Virginia.....	201,236	29,123	241					
North Carolina.....	308,804	60,743	4,328					97,477
South Carolina.....	116,019	51,146	964					23,561
Georgia.....	167,065	78,432	7,769					295,781
Florida.....	75,110	49,466	2,776	156				68,313
South Atlantic.....	1,788,859	375,943	23,914	156				510,901
Kentucky.....	930,432	128,506	1,180					1,065,685
Tennessee.....	523,341	91,203	2,972					47,671
Alabama.....	165,170	115,499	4,670					44,916
Mississippi.....	80,469	86,586	384					99,933
Arkansas.....	75,842	40,240	660					413,942
Louisiana.....	75,487	38,053	1,520					104,481
Oklahoma.....	317,575	29,826		258		109,048		105,298
Texas.....	58,382	160,556	778	35,481		581,162		372,654
South Central.....	2,226,698	690,469	12,164	35,739		690,210		2,254,580
Montana.....	100	5,236		566			364,547	45,528
Idaho.....		12,545		4,278	1,074		553,024	23,532
Wyoming.....		2,321	2	1,340			470,052	47,279
Colorado.....		8,497	46	426			361,894	64,765
New Mexico.....		6,402						9,288
Arizona.....		10,234		9,230			1,333,353	720
Utah.....						5,589		14,048
Nevada.....		557		2,004				3,294
Washington.....	17,523	13,519	1,364	2,570	62,719		2,363,725	74,505
Oregon.....	41,438	4,404		11	4,175	16,088		44,976
California.....	3,284	10,003		52,148	21,349	13,904	72,809	46,152
Western.....	62,345	73,718	1,412	72,573	89,317	35,591	5,519,404	374,087
Alaska.....		69	14					60
Hawaii.....	618	4	( <sup>2</sup> )			6,455		8,065
Puerto Rico.....	8,468	2,399						16,616
Virgin Islands.....								153
Territories.....	9,086	2,472	14			6,455		24,894
Total.....	22,284,665	2,355,331	147,053	110,157	147,649	1,519,733	8,334,015	3,538,076

<sup>1</sup> Payment for these practices represents 89.4 percent of the amount paid for all conservation practices under the 1948 program.<sup>2</sup> 0.5 or less. (Tabulation continued on next page.)

TABLE 760.—Selected soil-building and range-building practices carried out under the 1948 agricultural conservation program, by States and territories <sup>1</sup>—Continued

State and division	Develop- ing natural watering places	Res- ervoirs and dams <sup>1</sup>	Wells	Eradication of competitive plants on non-crop pasture and range land	Green manure and cover crops	Stripcropping		Protecting summer fallow
						On contour	Field	
	Number	Number	Number	Acres	Acres	Acres	Acres	Acres
Maine.....					1,987	1,813		
New Hampshire.....					227			
Vermont.....								
Massachusetts.....					34,702	104		
Rhode Island.....					3,377			
Connecticut.....					21,785	23		
New York.....		175			180,883	2,771	147	
New Jersey.....					205,860	1,292		
Pennsylvania.....					107,357	46,456		
North Atlantic.....		175			556,178	52,459	147	
Ohio.....		290			205,908	19,818	5,321	
Indiana.....		283	1		113,398	1,663	1,060	
Illinois.....		76			561,603	3,849		
Michigan.....					532,278			
Wisconsin.....		1,443			118,193	47,634	180,735	
Minnesota.....					981,262	15,458	280,445	277,162
Iowa.....		12,476			1,732,305	9,662		
Missouri.....		1,086			271,302			
North Dakota.....	40	328	122		79,590	4,209	1,173,078	3,411,197
South Dakota.....	125	4,254	246		159,675	6,394	217,719	161,557
Nebraska.....		10,106	635		863,158		487,858	1,275,660
Kansas.....	7	2,133	313	36,175	125,214	2,450	47,599	1,889,410
North Central.....	172	32,475	1,317	36,175	5,743,916	111,137	2,393,815	7,014,986
Delaware.....					28,450			
Maryland.....					75,144	8,278		
Virginia.....		40			280,357	2,956		
West Virginia.....	1	103			2,564	2,036		
North Carolina.....		84			383,317	972		
South Carolina.....					355,194			
Georgia.....		394			824,860	25		
Florida.....					311,975			
South Atlantic.....	1	621			2,261,861	14,267		
Kentucky.....		96			660,984			
Tennessee.....		358			591,684			
Alabama.....					694,628			
Mississippi.....		4,229			1,085,830			
Arkansas.....	100	2,177			616,600			
Louisiana.....		1,214			350,938			
Oklahoma.....		6,063	193	45,238	221,152	3,652	21,583	122,221
Texas.....		11,732	516	514,503	847,404		31,560	501,408
South Central.....	100	25,869	709	559,741	5,069,220	3,652	53,143	623,629
Montana.....	128	1,206	324	4,493	39,007	5,097	3,375,073	51,222
Idaho.....	15	140	8	2,959	71,571	462	115	
Wyoming.....	56	991	254	2,776	14,439	563	246,347	1,327
Colorado.....	54	645	358	16,805	49,235	2,673	133,957	1,604,563
New Mexico.....	30	1,947	248		3,805		20,182	
Arizona.....	11	422	63	7,306	8,733	1,463		
Utah.....	27	599	9	16,898	5,560	75		
Nevada.....	8	221	24	760	295			
Washington.....	41	61	15	257	63,059	50		1,818,757
Oregon.....	22	338	42		46,602	160	288	9,791
California.....	321	899	150	15,704	50,044	1,250	8,561	150,714
Western.....	713	7,469	1,495	67,958	352,350	11,793	3,784,523	3,636,374
Alaska.....					2,862			
Hawaii.....				4,154	235			
Puerto Rico.....				3,110		2		
Virgin Islands.....			3	1,130				
Territories.....			3	8,394	3,097	2		
Total.....	986	66,609	3,524	672,268	13,986,622	193,310	6,231,628	11,274,989

<sup>1</sup> Includes 36,003 reservoirs to obtain better distribution of livestock, 29,694 erosion control reservoirs, and 912 reservoirs for irrigation water. (Tabulation continued on next page.)

TABLE 760.—Selected soil-building and range-building practices carried out under the 1948 agricultural conservation program, by States and territories <sup>1</sup>—Continued

State and division	Estab- lishing sod water- ways	Terracing	Contour farming		Tillage for erosion control <sup>4</sup>	Drainage		Leveling land for irrigation
			Inter- tilled crops	Drilled crops		Open ditches	Enclosed drains	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Maine.....	140	29	2,314	1,787		360	20	
New Hampshire.....						411	20	
Vermont.....						1,355	31	
Massachusetts.....	2	61	114	20		2,520	191	
Rhode Island.....								
Connecticut.....	2							
New York.....	5	8				51,877	32,237	
New Jersey.....	23		1,601			703	669	
Pennsylvania.....	72					145	15,033	
North Atlantic.....	244	98	4,029	1,807		57,371	48,201	
Ohio.....	1,680	2,845	8,338	9,975		30,131	148,032	
Indiana.....	764	2,550	23,587	20,288		47,798	30,680	
Illinois.....	3,754	2,228	147,237	81,736		30,128	21,877	
Michigan.....	285					552,884	42,361	
Wisconsin.....	7,218	13,866	106,341	99,506		326,760	42,329	
Minnesota.....	1,285	142	19,826	23,284				
Iowa.....	7,432	25,091	872,708			52,401	103,876	
Missouri.....	774	27,079	22,686	1,998		138,637		
North Dakota.....	35		8,650	13,276		95,573		
South Dakota.....	699	7,471	99,658	230,071	1,200	87,395		2,457
Nebraska.....	8,410	106,009	168,251		50,034			13,804
Kansas.....	2,572	104,916	120,555	347,160	82,953	11,857		3,711
North Central.....	34,908	292,197	1,597,837	827,294	134,187	1,373,564	389,155	19,972
Delaware.....						1,277		
Maryland.....		120				12,437		
Virginia.....	3	1,374				9,915	2,495	
West Virginia.....						51		
North Carolina.....	150	25,929	980			135,676	23,074	
South Carolina.....		17,505				52,301	1,118	
Georgia.....		22,234				53,971		
Florida.....		2,640				51,864		
South Atlantic.....	153	69,802	980			317,492	26,687	
Kentucky.....		3,101	10,671	10,671		1,240	62	
Tennessee.....	12	34,220	461			1,060		
Alabama.....		34,036				51,964		
Mississippi.....		31,322				254,056		
Arkansas.....	40	11,268	93,430			178,709		38,003
Louisiana.....		13,758				308,517		
Oklahoma.....	500	153,171	356,231	780,050	808,542			
Texas.....	575	592,421		383,708	1,133,099	58,355		116,973
South Central.....	1,127	873,297	460,793	1,174,429	1,941,641	853,901	62	154,976
Montana.....	65	280	14,097	6,428	67	22,646	871	11,127
Idaho.....	83	51	369	39,171		14,293	935	34,714
Wyoming.....		216	803	2,591	25,026	8,327	293	9,073
Colorado.....	3	3,970	38,302	25,372	107,843	14,367	5,417	51,256
New Mexico.....		8,210	123,440	35,411	886,628	978	10	12,650
Arizona.....		496	1,433	1,026	5,093			27,880
Utah.....	2	836	195	28,433		9,443	1,815	10,733
Nevada.....						6,242	95	9,052
Washington.....	133	2,675		1,867		24,049	19,216	2,480
Oregon.....	49			29,983		35,860	14,602	20,021
California.....	24	858	404	916	160	35,782	9,186	41,144
Western.....	359	17,592	179,043	171,198	1,024,817	171,987	52,440	230,130
Alaska.....			8					
Hawaii.....		51	4,109		1,000	20		
Puerto Rico.....		300						
Virgin Islands.....								
Territories.....		351	4,117		1,000	20		
Total.....	36,791	1,253,337	2,246,799	2,174,728	3,101,645	2,774,335	516,545	405,078

<sup>4</sup> Includes listing, furrowing, pit cultivation, and emergency listing at right angles to wind on cropland; and contour listing, chiseling, and ridging on noncrop pasture and range land.

Production and Marketing Administration.

TABLE 761.—*Sugar beet programs: Payments to producers, by States, 1948 and 1949, and United States totals, 1940-47*<sup>1</sup>

State	Number of producers (payees)		Payments on sugar beets produced		Abandonment and deficiency payments		Total payments	
	1948 <sup>2</sup>	1949 <sup>3</sup>	1948 <sup>2</sup>	1949 <sup>3</sup>	1948 <sup>2</sup>	1949 <sup>3</sup>	1948 <sup>2</sup>	1949 <sup>3</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
California.....	2,473	2,350	5,688	7,130	353	270	6,041	7,400
Colorado.....	9,351	9,400	2,826	4,656	287	137	3,113	4,793
Idaho.....	7,887	6,200	3,081	2,575	106	100	3,187	2,675
Kansas.....	266	225	96	140	15	10	111	150
Michigan.....	5,919	8,100	1,219	1,850	74	150	1,293	2,000
Minnesota.....	769	900	997	1,175	45	50	1,042	1,225
Montana.....	3,139	3,100	1,730	1,750	93	125	1,823	1,875
Nebraska.....	3,472	3,500	1,064	1,350	129	150	1,193	1,500
North Dakota.....	477	550	525	647	27	35	552	682
Ohio.....	1,817	3,200	403	820	10	50	413	870
Oregon.....	1,185	950	1,002	838	30	20	1,032	858
South Dakota.....	260	265	85	111	9	9	94	120
Utah.....	4,652	3,700	1,036	1,050	113	75	1,149	1,125
Washington.....	689	700	592	691	25	23	617	714
Wisconsin.....	1,076	1,200	150	225	20	20	170	245
Wyoming.....	1,918	1,750	766	997	60	8	826	1,005
Other States.....	528	550	248	306	7	25	255	331
Total.....	45,878	46,640	21,508	26,311	1,403	1,257	22,911	27,560
Total:								
1940.....	74,689		22,464		793		23,257	
1941.....	67,197		18,657		432		19,089	
1942.....	78,038		27,769		2,048		29,817	
1943.....	50,372		16,363		1,246		17,609	
1944.....	50,106		17,426		1,205		18,631	
1945.....	55,306		21,614		1,304		22,918	
1946.....	59,347		26,411		1,350		27,761	
1947.....	59,493		30,929		1,331		32,260	

<sup>1</sup> Payments from 1940 through 1947 made under authority of Sugar Act of 1937, as amended. 1948 and 1949 crop payments made under Sugar Act of 1948.

<sup>2</sup> Revised. <sup>3</sup> Estimated.

Production and Marketing Administration.

TABLE 762.—*Sugarcane programs: Payments to producers, 1940-49*<sup>1</sup>

Program year and item	Florida	Louisiana	Total mainland	Hawaii	Puerto Rico	Virgin Islands <sup>2</sup>	Total insular	Grand total
1940:								
Producers (payees).....number..	40	15,635	15,675	2,100	12,096		14,196	29,871
Payments.....1,000 dollars..	637	3,299	3,936	8,852	9,565		18,417	22,353
1941:								
Producers (payees).....number..	40	14,509	14,549	1,898	13,840		15,738	30,287
Payments.....1,000 dollars..	613	3,960	4,573	8,594	11,235		19,829	24,402
1942:								
Producers (payees).....number..	36	14,329	14,365	1,796	13,778	780	16,354	30,719
Payments.....1,000 dollars..	709	6,281	6,990	8,147	13,118	26	21,291	28,281
1943:								
Producers (payees).....number..	34	13,439	13,473	1,840	13,090	692	15,622	29,095
Payments.....1,000 dollars..	701	6,715	7,416	8,251	12,202	56	20,509	27,925
1944:								
Producers (payees).....number..	35	12,662	12,697	1,605	13,039	604	15,248	27,945
Payments.....1,000 dollars..	740	5,913	6,653	8,211	13,055	41	21,307	27,960
1945:								
Producers (payees).....number..	21	10,344	10,365	1,440	13,194	525	15,150	25,524
Payments.....1,000 dollars..	837	6,015	6,852	7,796	13,276	56	21,128	27,980
1946:								
Producers (payees).....number..	27	10,151	10,178	1,045	13,437	512	14,994	25,172
Payments.....1,000 dollars..	839	5,800	6,639	6,674	15,061	67	21,702	28,341
1947:								
Producers (payees).....number..	25	9,605	9,630	1,402	13,650	534	15,586	25,216
Payments.....1,000 dollars..	826	5,478	6,304	8,109	15,500	44	23,653	29,957
1948:								
Producers (payees).....number..	25	10,208	10,233	1,098	<sup>3</sup> 15,200	538	16,836	27,069
Payments.....1,000 dollars..	808	6,395	7,203	7,629	<sup>3</sup> 17,680	66	25,375	32,578
1949: <sup>3</sup>								
Producers (payees).....number..	25	10,475	10,500	1,150	15,000	550	16,700	27,200
Payments.....1,000 dollars..	900	6,500	7,400	8,438	17,500	75	25,013	33,413

<sup>1</sup> Payments from 1940 through 1947 made under authority of Sugar Act of 1937, as amended. 1948 and 1949 crop payments under Sugar Act of 1948.

<sup>2</sup> 1942 is the first year Virgin Islands was included in program.

<sup>3</sup> Estimated.

Production and Marketing Administration.



TABLE 763.—*Soil conservation districts: Dates of State laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memorandums of understanding with the United States Department of Agriculture, cumulative to Dec. 31, 1949*

Division and State or territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms within organized districts			Districts having memorandums of understanding with U.S.D.A. <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
<b>New England:</b>		<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>
Maine.....	Mar. 25, 1941	14	14, 510, 340	36, 955	3, 862, 018	14
New Hampshire.....	May 10, 1945	10	5, 775, 360	18, 786	2, 017, 049	10
Vermont.....	Apr. 18, 1939	13	5, 021, 392	26, 490	3, 930, 514	13
Massachusetts.....	June 28, 1945	15	5, 025, 280	36, 915	2, 077, 750	15
Rhode Island.....	Apr. 26, 1943	3	677, 120	3, 603	264, 734	3
Connecticut.....	July 18, 1945	7	2, 535, 040	20, 372	1, 272, 988	7
<b>Middle Atlantic:</b>						
New York.....	July 20, 1940	37	18, 190, 720	103, 870	12, 458, 259	35
New Jersey.....	July 1, 1937	7	4, 785, 280	26, 143	1, 817, 448	7
Pennsylvania.....	July 2, 1937	26	11, 117, 365	71, 418	6, 300, 989	20
<b>East North Central:</b>						
Ohio.....	June 5, 1941	78	22, 451, 735	191, 313	19, 598, 741	75
Indiana.....	Mar. 11, 1937	48	11, 416, 760	88, 794	10, 038, 593	41
Illinois.....	July 9, 1937	92	30, 595, 154	186, 062	28, 814, 979	81
Michigan.....	July 23, 1937	57	19, 551, 993	120, 938	12, 948, 156	57
Wisconsin.....	July 1, 1937	61	30, 129, 600	166, 167	22, 371, 877	57
<b>West North Central:</b>						
Minnesota.....	Apr. 26, 1937	44	13, 257, 257	76, 355	12, 653, 816	38
Iowa.....	July 4, 1939	96	33, 259, 703	202, 279	33, 259, 703	85
Missouri.....	July 23, 1943	23	7, 477, 294	50, 276	7, 417, 866	23
North Dakota.....	Mar. 16, 1937	75	39, 316, 487	64, 635	35, 195, 308	73
South Dakota.....	July 1, 1937	49	24, 212, 033	46, 723	24, 212, 033	49
Nebraska.....	May 18, 1937	85	45, 434, 859	110, 761	44, 572, 393	83
Kansas.....	Apr. 10, 1937	99	49, 704, 960	133, 270	46, 184, 099	96
<b>South Atlantic:</b>						
Delaware.....	Apr. 2, 1943	3	1, 265, 920	9, 296	923, 350	3
Maryland.....	June 1, 1937	23	6, 098, 560	40, 779	4, 052, 182	22
Virginia.....	Apr. 1, 1938	22	21, 948, 544	142, 799	14, 047, 977	22
West Virginia.....	June 12, 1939	14	13, 938, 649	90, 915	8, 252, 729	14
North Carolina.....	Mar. 22, 1937	25	28, 032, 400	259, 465	17, 221, 382	23
South Carolina.....	Apr. 17, 1937	33	19, 580, 160	147, 745	11, 021, 623	33
Georgia.....	Mar. 23, 1937	25	36, 522, 215	220, 130	23, 297, 630	25
Florida.....	June 10, 1937	45	22, 991, 533	51, 299	9, 893, 334	45
<b>East South Central:</b>						
Kentucky.....	June 11, 1940	106	21, 413, 780	200, 515	17, 136, 983	106
Tennessee.....	Mar. 10, 1939	31	8, 707, 840	93, 187	6, 878, 206	31
Alabama.....	Mar. 18, 1939	12	32, 689, 920	223, 369	19, 067, 844	12
Mississippi.....	Apr. 4, 1938	70	29, 106, 512	256, 346	19, 021, 540	70
<b>West South Central:</b>						
Arkansas.....	July 1, 1937	53	29, 727, 240	161, 439	14, 853, 420	52
Louisiana.....	July 27, 1938	26	27, 948, 100	128, 528	9, 993, 508	25
Oklahoma.....	Apr. 15, 1937	80	43, 174, 300	162, 146	34, 802, 258	79
Texas <sup>3</sup> .....	Apr. 24, 1939	156	145, 574, 000	356, 138	118, 742, 471	148
<b>Mountain:</b>						
Montana <sup>4</sup> .....	Feb. 28, 1939	72	66, 717, 032	29, 243	39, 450, 434	67
Idaho.....	Mar. 9, 1939	26	17, 209, 216	20, 546	7, 009, 864	26
Wyoming.....	May 22, 1941	35	28, 214, 687	7, 910	10, 482, 116	35
Colorado.....	May 6, 1937	86	29, 350, 241	33, 582	19, 641, 850	83
New Mexico.....	Mar. 17, 1937	58	52, 063, 278	25, 043	37, 200, 870	57
Arizona.....	June 16, 1941	44	1, 097, 275	7, 420	1, 097, 275	44
Utah.....	Mar. 23, 1937	41	40, 283, 220	23, 875	10, 280, 101	40
Nevada.....	Mar. 30, 1937	17	36, 314, 513	1, 328	2, 299, 359	16
<b>Pacific:</b>						
Washington.....	Mar. 17, 1939	61	30, 492, 108	75, 252	12, 297, 253	55
Oregon.....	Apr. 7, 1939	31	6, 854, 026	9, 985	4, 057, 144	29
California <sup>5</sup> .....	June 26, 1938	60	10, 971, 265	48, 011	7, 716, 243	59
<b>Total.....</b>		<b>2, 194</b>	<b>1, 204, 242, 266</b>	<b>4, 608, 416</b>	<b>812, 008, 249</b>	<b>2, 126</b>
<b>Territories:</b>						
Puerto Rico.....	July 1, 1946	17	1, 885, 601	55, 508	1, 885, 601	17
Virgin Islands.....	June 1946	2	85, 120	1, 150	85, 120	2
Hawaii.....	May 19, 1947	4	195, 903	649	148, 290	4
Alaska.....	Mar. 25, 1947	3	1, 402, 920	745	97, 500	3
<b>Grand total.....</b>		<b>2, 220</b>	<b>1, 207, 811, 810</b>	<b>4, 666, 468</b>	<b>814, 224, 760</b>	<b>2, 152</b>

<sup>1</sup>For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup>Upon request, the United States Department of Agriculture enters into memorandums of understanding with districts for such assistance from departmental agencies as may be available.

<sup>3</sup>Includes 7 wind-erosion districts. <sup>4</sup>Includes 23 State cooperative grazing districts.

<sup>5</sup>Includes the Imperial Irrigation District.

Soil Conservation Service.

TABLE 764.—*Soil conservation districts and other districts organized each calendar year to Dec. 31, 1949*<sup>1</sup>

Year	Districts organized		Total area in districts		Approximate land in farms within districts	
	Each year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	Number	Number	Acres	Acres	Acres	Acres
1937.....	13	13	8,002,022	8,002,022	5,446,646	5,446,646
1938.....	96	109	51,037,951	59,039,973	30,179,782	35,626,428
1939.....	108	217	60,450,905	119,490,878	43,078,781	78,705,209
1940.....	212	429	147,584,445	267,075,323	98,706,117	175,411,326
1941 <sup>2</sup> .....	224	653	115,553,677	382,629,000	80,571,694	255,983,020
1942 <sup>3</sup> .....	173	826	96,500,000	479,129,000	53,556,915	309,539,935
1943 <sup>4</sup> .....	177	1,003	86,750,000	565,879,000	57,674,893	367,214,828
1944 <sup>5</sup> .....	218	1,221	109,298,084	675,177,084	76,494,798	443,709,626
1945.....	241	1,462	127,419,434	802,596,518	79,120,967	522,830,593
1946.....	294	1,756	143,216,060	945,812,578	94,928,648	617,759,241
1947.....	207	1,963	106,535,062	1,052,347,640	104,545,970	* 722,305,211
1948.....	131	2,094	95,535,606	1,147,883,246	53,330,146	775,635,357
1949.....	126	2,220	59,928,564	1,207,811,810	38,589,403	814,224,760

<sup>1</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.<sup>2</sup> Includes wind erosion districts.<sup>3</sup> Includes wind erosion districts and grazing districts.<sup>4</sup> Includes wind erosion districts, grazing districts, and Imperial Irrigation District (California).<sup>5</sup> Adjusted to the 1945 Census of Agriculture.

Soil Conservation Service.

TABLE 765.—*State appropriations for soil conservation district programs, 1948-51*

Division and State or territory	Actual appropriations		Division and State or territory	Actual appropriations	
	Period	Amount		Period	Amount
New England:		<i>Dollars</i>	East South Central:		<i>Dollars</i>
Maine.....	7/1/49-6/30/51	10,000	Kentucky.....	7/1/49-6/30/50	250,000
New Hampshire.....			Tennessee.....	7/1/49-6/30/51	19,000
Vermont.....	7/1/49-6/30/51	15,000	Alabama.....	10/1/49-9/30/51	9,000
Massachusetts.....	7/1/49-6/30/50	500	Mississippi.....	7/1/48-6/30/50	1,500
Rhode Island.....	7/1/49-6/30/50	2,000	West South Central:		
Connecticut.....	7/1/49-6/30/51	30,000	Arkansas.....	7/1/49-6/30/51	87,400
Middle Atlantic:			Louisiana.....	7/1/48-6/30/50	800,000
New York.....	4/1/49-3/31/50	1,980	Oklahoma.....	7/1/49-6/30/51	368,280
New Jersey.....	7/1/49-6/30/50	3,682	Texas.....	9/1/49-8/30/51	5,270,056
Pennsylvania.....	6/1/49-5/31/51	200,000	Mountain:		
East North Central:			Montana.....	7/1/49-6/30/50	1,000
Ohio.....	7/1/49-7/1/51	10,457	Idaho.....		
Indiana.....	7/1/49-7/1/51	14,000	Wyoming.....	4/1/49-3/31/51	475
Illinois.....	7/1/49-7/1/51	24,566	Colorado.....	7/1/49-6/30/51	12,840
Michigan.....	7/1/49-7/1/51	43,000	New Mexico.....	7/1/49-6/30/51	38,000
Wisconsin.....	7/1/49-7/1/50	80,000	Arizona.....	7/1/49-6/30/50	8,000
West North Central:			Utah.....	7/1/49-6/30/51	5,000
Minnesota.....	7/1/49-7/1/50	45,704	Nevada.....		
Iowa.....	7/1/49-7/1/50	570,000	Pacific:		
Missouri.....	7/1/49-7/1/51	19,000	Washington.....	4/1/49-3/31/51	41,000
North Dakota.....	7/1/49-6/30/51	36,250	Oregon.....	7/1/49-6/30/51	22,523
South Dakota.....	7/1/49-6/30/51	77,000	California.....	7/1/49-6/30/50	1,028,842
Nebraska.....	7/1/49-6/30/51	20,030	United States total.....		9,681,377
Kansas.....	7/1/49-6/30/51	18,969			
South Atlantic:			Territories:		
Delaware.....	7/1/49-6/30/51	101,400	Alaska.....		
Maryland.....	7/1/49-6/30/51	80,000	Hawaii.....		400
Virginia.....	7/1/48-6/30/50	145,670	Puerto Rico.....	7/1/49-	94,500
West Virginia.....	7/1/49-6/30/51	80,000	Virgin Islands.....	7/1/48-6/30/49	10,100
North Carolina.....	7/1/49-6/30/51	20,000			
South Carolina.....	7/1/49-6/30/51	10,000	Grand total.....		9,786,377
Georgia.....	7/1/49-6/30/51	50,000			
Florida.....	7/1/49-6/30/51	9,253			

Soil Conservation Service.

TABLE 766.—*Soil conservation surveys of the Soil Conservation Service within soil conservation districts, total acreage mapped, by States and territories, in 1949 and cumulative to Dec. 31, 1949*

Division and State or territory	Soil conservation surveys for farm planning <sup>1</sup>		Reconnaissance soil conservation surveys	
	Work during 1949	Cumulative total	Work during 1949	Cumulative total
New England:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....	226, 811	1, 959, 816		
New Hampshire.....	146, 158	727, 064		
Vermont.....	165, 278	1, 491, 647		
Massachusetts.....	117, 730	346, 683		
Rhode Island.....	28, 580	248, 222		
Connecticut.....	68, 401	245, 129		
Middle Atlantic:				
New York.....	360, 747	6, 930, 194		
New Jersey.....	133, 088	2, 320, 321		
Pennsylvania.....	375, 076	2, 345, 791		
East North Central:				
Ohio.....	460, 148	4, 514, 906		
Indiana.....	352, 916	2, 514, 025		247, 040
Illinois.....	848, 932	9, 743, 730		
Michigan.....	322, 844	2, 562, 972		
Wisconsin.....	583, 725	8, 208, 301		914, 040
West North Central:				
Minnesota.....	415, 133	4, 979, 813		1, 280, 220
Iowa.....	939, 880	8, 336, 166		3, 004, 413
Missouri.....	233, 749	2, 042, 335		172, 800
North Dakota.....	1, 158, 933	6, 668, 543	1, 788, 526	26, 956, 738
South Dakota.....	932, 211	11, 630, 079	218, 705	8, 169, 174
Nebraska.....	1, 215, 718	8, 179, 642		49, 067, 920
Kansas.....	1, 853, 213	7, 836, 451		52, 552, 320
South Atlantic:				
Delaware.....	37, 777	374, 405		
Maryland.....	179, 899	3, 879, 968		
Virginia.....	648, 979	7, 627, 715		836, 312
West Virginia.....	808, 242	5, 601, 455		
North Carolina.....	710, 724	10, 213, 022	40, 720	282, 938
South Carolina.....	870, 354	11, 295, 717		6, 391, 425
Georgia.....	1, 237, 939	21, 396, 103	19, 200	3, 075, 840
Florida.....	934, 683	7, 465, 485		1, 305, 020
East South Central:				
Kentucky.....	1, 067, 854	6, 218, 715		32, 968
Tennessee.....	315, 514	5, 161, 172		
Alabama.....	1, 035, 985	14, 164, 376		1, 787, 060
Mississippi.....	980, 451	11, 796, 114		523, 880
West South Central:				
Arkansas.....	768, 298	14, 070, 330		2, 147, 886
Louisiana.....	563, 577	7, 310, 432		3, 682, 650
Oklahoma.....	755, 491	24, 028, 981		408, 320
Texas.....	2, 928, 427	37, 864, 233		14, 977, 551
Mountain:				
Montana.....	804, 682	4, 611, 566		
Idaho.....	206, 162	2, 583, 315		
Wyoming.....	264, 900	1, 087, 541		2, 522, 467
Colorado.....	354, 605	5, 391, 917		
New Mexico.....	98, 148	8, 248, 933		
Arizona.....	122, 321	444, 687		
Utah.....	133, 349	3, 408, 559		
Nevada.....	130, 297	1, 517, 641		
Pacific:				
Washington.....	1, 107, 894	5, 722, 813	5, 000	5, 000
Oregon.....	326, 833	1, 932, 258		
California.....	481, 028	3, 613, 033	58, 000	68, 000
Total.....	28, 819, 684	320, 872, 316	2, 130, 151	180, 401, 982
Territories:				
Caribbean area.....	115, 430	628, 769		289, 263
Alaska.....	7, 940	325, 440		
Hawaii.....	65, 878	66, 778	9, 600	9, 600
Grand total.....	29, 008, 932	321, 893, 303	2, 139, 751	180, 700, 845

<sup>1</sup> Soil conservation surveys showing kinds of soil, slope, degree of erosion and present land use are used to determine land capabilities for conservation planning and treatment of entire farms and ranches and of group enterprises.

Soil Conservation Service.

TABLE 767.—Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States and territories, cumulative as of Dec. 31, 1949 <sup>1</sup>

Division and State or territory	Contour farming	Cover cropping	Stubble mulching	Strip cropping	Range and pasture improvement <sup>2</sup>	Seeding range and pasture	Wood-land management
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Total planned in districts <sup>3</sup>	32,082,109	19,680,344	40,709,107	9,187,199	94,782,510	14,475,997	20,072,201
APPLIED IN							
New England:							
Maine.....	34,254	15,801	52,021	14,608	16,257	1,349	34,405
New Hampshire.....	1,608	3,677	324	1,818	10,247	1,964	61,547
Vermont.....	15,296	406	7	10,382	62,021	4,470	71,223
Massachusetts.....	1,777	7,042	3,285	1,331	7,688	3,200	7,264
Rhode Island.....	1,157	4,651	589	629	4,133	330	12,200
Connecticut.....	1,458	6,942	760	1,116	10,133	3,738	17,513
Middle Atlantic:							
New York.....	84,868	31,384	22,879	60,672	85,433	11,224	98,047
New Jersey.....	22,146	33,296	4,130	13,056	9,521	1,682	48,089
Pennsylvania.....	172,480	26,788	9,433	156,607	44,800	8,368	61,202
East North Central:							
Ohio.....	73,728	24,705	18,639	137,049	92,940	40,773	31,865
Indiana.....	154,492	65,090	139,194	7,894	65,104	41,549	14,209
Illinois.....	493,855	36,852	78,179	59,250	98,343	57,355	33,842
Michigan.....	32,284	117,528	14,655	46,421	22,508	48,144	25,553
Wisconsin.....	174,770	684		431,346	65,320	2,949	42,519
West North Central:							
Minnesota.....	125,452	26,403	136,233	227,366	34,863	32,851	14,440
Iowa.....	1,063,077	40,025	263,083	134,846	55,875	91,363	8,418
Missouri.....	146,366	2,792	15,899	98	28,303	21,050	2,600
North Dakota.....	50,007	14,173	2,541,456	1,049,968	1,472,294	118,381	17,729
South Dakota.....	587,357	9,820	2,433,579	278,422	4,091,360	228,990	7,773
Nebraska.....	1,153,358	75,023	2,163,247	140,458	1,394,037	199,350	11,514
Kansas.....	1,351,702	56,207	3,917,922	106,112	2,145,991	138,595	17,546
South Atlantic:							
Delaware.....	2,201	10,812	3,288	1,858	4,382	2,381	6,438
Maryland.....	135,806	63,526	44,663	89,521	109,620	6,368	105,162
Virginia.....	278,078	231,329	267,153	130,865	585,716	43,008	499,560
West Virginia.....	105,455	32,696	30,628	63,407	210,663	3,779	272,961
North Carolina.....	550,241	339,840	336,689	106,316	307,120	111,121	424,559
South Carolina.....	912,308	324,649	369,363	184,888	211,894	83,905	1,449,861
Georgia.....	1,467,931	1,644,874	1,148,726	185,731	991,222	345,969	2,695,402
Florida.....	177,290	245,981	250,314	14,727	470,689	225,334	814,043
East South Central:							
Kentucky.....	498,015	338,914	131,603	1,410	780,975	175,722	308,665
Tennessee.....	464,754	410,399	22,224	3,405	280,366	89,958	186,746
Alabama.....	1,038,610	696,906	376,603	97,303	808,281	143,797	1,213,887
Mississippi.....	1,170,482	678,049	656,976	87,799	1,080,257	251,266	1,040,558
West South Central:							
Arkansas.....	656,913	1,255,625	1,323,877	49,616	1,144,108	889,375	1,401,564
Louisiana.....	360,815	691,832	882,513	527	663,401	316,629	358,850
Oklahoma.....	1,684,748	1,733,807	2,640,844	99,544	4,335,682	783,192	34,993
Texas.....	4,557,003	2,818,649	6,897,658	224,080	13,104,878	849,849	162,750
Mountain:							
Montana.....	61,687	1,055	1,588,831	848,017	4,930,987	125,628	24,145
Idaho.....	22,692	540	576,901	6,790	343,817	30,026	16,861
Wyoming.....	8,865	3,377	234,031	20,231	765,060	49,988	3,605
Colorado.....	142,677	5,620	514,273	86,611	3,341,986	147,512	116,153
New Mexico.....	402,371	15,943	491,550	58,048	8,064,428	102,043	178,076
Arizona.....	10,225	5,210	228,218	3,427	45,439	9,723	
Utah.....	93,694	1,821	147,334	3,636	1,112,333	123,753	25,341
Nevada.....			44,720		89,063	9,346	
Pacific:							
Washington.....	12,623	45,343	1,132,102	14,735	1,368,674	71,681	60,550
Oregon.....	10,177	4,441	190,886	4,394	511,054	17,954	7,558
California.....	67,800	123,275	248,293	54,539	624,434	46,026	17,611
Total.....	20,634,953	12,323,802	32,595,775	5,320,874	56,103,700	6,113,008	12,065,477
Territories:							
Caribbean area.....	25,858	262	60,787	7	50,824	14,574	19,088
Alaska.....	15	5	467	90	121	100	161
Hawaii.....	770	113	792				
Grand total applied <sup>3</sup>	20,661,596	12,324,182	32,657,821	5,320,971	56,154,645	6,127,682	12,084,726

<sup>1</sup> Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

<sup>2</sup> Includes range properly stocked, which was reported prior to Dec. 31, 1947.

See other footnotes at end of table.

TABLE 767.—Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States and territories, cumulative as of Dec. 31, 1949<sup>1</sup>—Continued

Division and State or territory	Farm and ranch ponds	Tree planting	Terraces	Diversions	Farm drainage	Farm irrigation	
						Land leveling	Improved water application
	Number	Acres	Miles	Miles	Acres	Acres	Acres
Total planned in districts <sup>2</sup> .....	213, 925	1, 122, 841	1, 455, 649	46, 396	7, 750, 742	2, 409, 978	4, 604, 210
APPLIED IN							
New England:							
Maine.....	219	1, 077	8	164	3, 622		
New Hampshire.....	96	586	7	5	638		
Vermont.....	637	2, 651		106	15, 005		
Massachusetts.....	197	475	7	25	3, 094		
Rhode Island.....	139	388	7	4	496		
Connecticut.....	162	446	7	24	1, 840		
Middle Atlantic:							
New York.....	1, 901	22, 933	19	986	63, 722		
New Jersey.....	222	4, 751	171	244	7, 447		
Pennsylvania.....	530	8, 855	115	264	6, 938		
East North Central:							
Ohio.....	1, 435	8, 704	514	296	44, 939		
Indiana.....	1, 504	4, 336	1, 197	393	77, 950		
Illinois.....	1, 808	4, 877	1, 307	214	165, 195		
Michigan.....	51	36, 771	161	88	44, 894	696	293
Wisconsin.....	73	14, 649	1, 387	359	45, 468		
West North Central:							
Minnesota.....	183	4, 992	263	88	94, 981		
Iowa.....	1, 834	1, 957	8, 479	450	68, 685		
Missouri.....	1, 646	286	2, 058	248	36, 960		
North Dakota.....	4, 134	19, 652	6	51	333, 909	1, 721	8, 027
South Dakota.....	11, 980	17, 840	820	230	151, 911	5, 863	8, 708
Nebraska.....	3, 368	14, 284	18, 472	1, 213	80, 375	91, 910	264, 455
Kansas.....	8, 225	7, 383	32, 011	1, 761	118, 702	32, 987	49, 144
South Atlantic:							
Delaware.....	23	239	1	11	6, 218		
Maryland.....	331	4, 490	143	306	62, 114		
Virginia.....	1, 720	7, 439	4, 681	90	54, 301	892	1, 813
West Virginia.....	2, 464	10, 182	116	346	11, 870		
North Carolina.....	4, 057	23, 330	51, 317	319	170, 497	704	849
South Carolina.....	1, 340	42, 287	53, 682	64	225, 704	1, 427	3, 604
Georgia.....	5, 163	144, 627	106, 062	404	134, 230	2, 977	2, 591
Florida.....	233	16, 149	11, 391	110	449, 727	27, 022	55, 010
East South Central:							
Kentucky.....	12, 616	2, 105	5, 464	1, 998	91, 000	3	25
Tennessee.....	7, 400	3, 122	21, 958	286	148, 611	45	
Alabama.....	2, 650	17, 105	65, 610	202	100, 145	173	181
Mississippi.....	15, 212	28, 852	63, 385	644	791, 613	389	79
West South Central:							
Arkansas.....	13, 310	18, 567	16, 231	937	188, 816	55, 469	54, 160
Louisiana.....	4, 168	20, 894	18, 068	96	395, 784	8, 143	25, 336
Oklahoma.....	23, 132	11, 966	58, 405	3, 414	100, 063	21, 445	22, 111
Texas.....	15, 625	6, 676	114, 763	4, 224	104, 137	96, 501	949, 352
Mountain:							
Montana.....	6, 351	1, 400	87	238	47, 270	39, 716	125, 956
Idaho.....	480	231	120	36	10, 799	40, 749	65, 818
Wyoming.....	535	885	16	37	25, 164	52, 291	121, 162
Colorado.....	552	2, 164	1, 159	438	15, 667	115, 801	177, 666
New Mexico.....	829	3, 422	2, 635	1, 003	2, 063	56, 163	96, 260
Arizona.....	574	934	174	139	377	136, 702	143, 314
Utah.....	967	658	11	133	5, 005	55, 372	138, 890
Nevada.....	28	43		4	8, 657	24, 762	18, 458
Pacific:							
Washington.....	250	1, 206	151	138	57, 903	30, 173	41, 216
Oregon.....	278	774	21	52	25, 031	20, 265	27, 873
California.....	782	2, 160	73	577	24, 745	56, 813	73, 345
Total.....	161, 474	549, 800	662, 740	23, 459	4, 624, 282	977, 174	2, 475, 696
Territories:							
Caribbean area.....	72	4, 311	4, 898	91	5, 500	2, 105	233
Alaska.....			1	1			
Hawaii.....			1	45	2	10	205
Grand total applied <sup>3</sup> .....	161, 546	554, 111	667, 639	23, 596	4, 629, 784	979, 289	2, 476, 134

<sup>2</sup> Both planned and applied totals are for satisfactory first-time application only. Reapplication and maintenance of practices on the same area year after year are not included. Planned practices are reported as applied when properly installed on the land, the job thereafter being one of maintenance.

<sup>3</sup> Some areas of range and pasture improvement were previously included in the seeding figures.

Soil Conservation Service.

TABLE 768.—*Conservation plans prepared and acres treated in soil conservation districts with Soil Conservation Service assistance, by States and territories, 1949, and cumulative to Dec. 31, 1949*

Division, State, and territory	1949			Cumulative to Dec. 31, 1949		
	New plans prepared <sup>1</sup>		Treated	Active conservation plans <sup>2</sup>		Treated
	Number	Acres		Number	Acres	Acres
New England:						
Maine.....	1,056	144,062	36,323	4,570	625,718	129,693
New Hampshire.....	569	91,516	30,786	1,545	270,174	48,763
Vermont.....	809	163,582	42,335	3,782	776,778	250,726
Massachusetts.....	807	97,399	19,500	1,941	236,841	38,607
Rhode Island.....	137	13,034	6,089	535	71,601	17,473
Connecticut.....	429	48,879	16,236	1,119	140,686	35,684
Middle Atlantic:						
New York.....	3,225	447,522	182,816	11,968	1,653,717	707,374
New Jersey.....	542	51,807	33,426	3,218	363,338	154,798
Pennsylvania.....	2,308	280,633	94,431	6,794	809,456	271,850
East North Central:						
Ohio.....	2,654	378,697	237,506	11,907	1,666,796	843,766
Indiana.....	1,560	226,589	134,878	7,944	1,168,391	679,423
Illinois.....	3,798	638,215	344,080	18,249	3,092,136	1,538,512
Michigan.....	1,974	259,515	187,367	9,682	1,084,628	566,669
Wisconsin.....	2,268	339,341	199,587	16,254	2,546,362	1,477,664
West North Central:						
Minnesota.....	1,457	255,045	229,572	9,445	1,701,422	1,022,423
Iowa.....	3,820	688,605	472,067	18,949	3,459,414	1,825,483
Missouri.....	953	257,882	117,148	4,039	772,839	256,685
North Dakota.....	2,338	1,364,338	1,275,640	12,603	7,293,845	4,725,134
South Dakota.....	2,495	1,266,460	1,347,625	16,063	9,231,616	6,727,001
Nebraska.....	4,254	1,327,912	769,058	22,690	6,687,818	3,150,437
Kansas.....	6,292	1,819,273	1,028,841	27,696	8,339,345	3,710,320
South Atlantic:						
Delaware.....	167	28,839	22,272	700	125,479	48,644
Maryland.....	1,139	160,222	101,546	7,615	1,124,246	466,440
Virginia.....	3,119	500,396	375,699	18,337	3,281,892	2,035,976
West Virginia.....	2,961	351,681	169,812	15,711	2,112,764	834,373
North Carolina.....	4,810	513,365	648,350	43,291	4,528,778	2,968,213
South Carolina.....	3,323	590,740	500,508	25,508	4,333,027	3,044,228
Georgia.....	8,132	1,581,333	1,585,006	55,820	11,061,474	6,774,182
Florida.....	1,809	718,544	434,619	10,490	3,723,919	1,834,284
East South Central:						
Kentucky.....	5,778	660,049	465,427	25,223	3,246,439	1,969,829
Tennessee.....	2,376	327,756	272,096	15,457	2,157,968	1,386,942
Alabama.....	5,073	782,690	768,033	36,851	6,048,066	3,872,239
Mississippi.....	5,552	848,814	766,255	36,933	6,023,775	3,988,635
West South Central:						
Arkansas.....	3,796	910,181	675,854	34,771	5,596,442	3,212,046
Louisiana.....	2,643	538,399	352,866	15,901	3,039,126	1,579,432
Oklahoma.....	5,744	1,430,597	1,026,561	43,093	9,996,087	5,637,832
Texas.....	10,886	5,996,804	3,620,203	67,538	32,202,152	16,344,754
Mountain:						
Montana.....	1,213	1,907,170	1,749,103	6,245	13,675,167	7,667,169
Idaho.....	951	343,676	180,626	4,772	1,847,683	739,465
Wyoming.....	597	626,169	270,042	2,753	2,601,113	1,148,978
Colorado.....	1,451	933,891	809,713	6,875	7,236,865	4,293,599
New Mexico.....	1,101	2,723,886	1,828,242	6,936	15,336,360	9,017,191
Arizona.....	548	146,077	86,803	2,446	596,572	267,599
Utah.....	790	372,636	263,949	5,168	2,892,310	1,420,285
Nevada.....	111	107,394	26,589	827	404,807	110,614
Pacific:						
Washington.....	2,247	948,731	473,071	9,718	3,888,124	2,011,806
Oregon.....	659	274,555	165,820	1,853	1,241,053	628,237
California.....	1,756	359,478	214,447	9,828	1,710,650	864,556
Total.....	122,477	34,844,379	24,652,823	721,644	202,025,319	112,241,033
Territories:						
Caribbean area.....	1,632	108,309	47,520	3,709	274,572	96,536
Alaska.....	37	7,344	1,002	41	7,844	893
Hawaii.....	95	2,068	941	117	2,662	1,107
Grand total.....	124,241	34,962,100	24,702,286	725,511	202,310,397	112,339,569

<sup>1</sup> Conservation plans prepared in soil conservation districts with the assistance of the Soil Conservation Service are on a long-time basis. It usually takes several years to fully apply all of the planned treatments. For this reason the acreage planned in any year would be treated in subsequent years.

<sup>2</sup> Active conservation plans do not include cancellations caused by change in ownership, death or otherwise. The amounts shown are net as of Dec. 31, 1949.

Soil Conservation Service.

TABLE 769.—*Conservation practices newly applied in conservation districts each year, with the assistance of Soil Conservation Service technicians, 1945-49*<sup>1</sup>

Some major practices	Unit	1945	1946	1947	1948	1949	Cumulative to Dec. 31, 1949
Contour farming.....	Acres.....	2, 575, 429	3, 274, 758	3, 394, 276	3, 171, 260	3, 536, 596	20, 661, 596
Cover cropping.....	do.....	489, 562	2, 369, 844	2, 618, 769	2, 550, 276	3, 013, 221	12, 324, 182
Stubble mulching.....	do.....	2, 370, 447	5, 108, 063	6, 342, 686	6, 122, 663	7, 232, 688	32, 657, 821
Strip cropping.....	do.....	457, 146	601, 076	826, 274	690, 857	774, 817	5, 320, 971
Pasture and range improvement.....	do.....				10, 661, 730	13, 878, 234	56, 154, 645
Seeding range and pasture.....	do.....	887, 805	1, 647, 006	1, 872, 319	1, 216, 558	1, 733, 700	6, 127, 682
Woodland management.....	do.....	803, 673	1, 606, 353	1, 844, 159	2, 731, 785	3, 229, 127	12, 084, 726
Farm and ranch ponds.....	Number.....	15, 547	27, 486	31, 519	28, 568	35, 633	161, 546
Tree planting.....	Acres.....	32, 874	36, 814	55, 997	92, 735	113, 069	554, 111
Terraces.....	Miles.....	71, 910	99, 482	101, 363	89, 245	101, 895	667, 639
Diversions.....	do.....	1, 627	3, 371	4, 194	5, 303	5, 533	23, 596
Farm drainage.....	Acres.....	229, 570	752, 662	1, 103, 071	1, 017, 372	1, 226, 804	4, 629, 784
Land leveling.....	do.....	79, 886	135, 856	189, 050	250, 972	269, 997	979, 289
Improved water application.....	do.....	160, 168	380, 665	511, 341	533, 531	594, 309	2, 476, 134
Combined treatment <sup>2</sup> .....	do.....	13, 012, 000	19, 332, 928	21, 650, 526	20, 895, 561	24, 702, 286	112, 339, 569

<sup>1</sup> The data shown in this table for some major practices are for first-time application. In most cases these practices recur on the same land year after year, but such amounts as actually recur are not included.

<sup>2</sup> Combined treatment represents the farmland area in districts on which the planned combinations of practices were completed in the years shown.

Soil Conservation Service.

TABLE 770.—*Group enterprise plans (involving two or more farms) in soil conservation districts, United States, 1949, and cumulative to Dec. 31, 1949*<sup>1</sup>

Item	Unit	Group drainage		Group irrigation		Other types <sup>2</sup>		Total	
		1949	Cumulative	1949	Cumulative	1949	Cumulative	1949	Cumulative
Group job plans.....	Number	1, 625	5, 557	273	1, 227	38	146	1, 936	6, 930
Farms to be benefited.....	do.....	9, 427	42, 388	6, 948	27, 733	552	2, 085	16, 927	72, 206
Areas to be benefited.....	Acres.....	921, 252	4, 729, 067	349, 740	1, 445, 943	61, 233	405, 203	1, 332, 225	6, 580, 213
Estimated total cost.....	Dollars...	4, 007, 092	20, 296, 494	1, 773, 246	6, 415, 981	146, 570	1, 961, 210	5, 926, 908	28, 673, 685
Group jobs completed.....	Number	1, 343	4, 276	237	905	26	109	1, 606	5, 290
Farms benefited.....	do.....	6, 679	26, 342	6, 337	18, 927	160	1, 402	13, 176	46, 671
Area benefited.....	Acres.....	641, 624	2, 723, 671	226, 407	921, 146	11, 849	74, 322	879, 880	3, 719, 139
Some principal practices installed:									
Ditch and canal excavation.....	Miles...	1, 527	5, 811	169	1, 119	12	62	1, 708	6, 092
Ditch and canal excavation.....	Cu. yds.	13, 371, 198	52, 556, 970	687, 370	3, 600, 950	264, 577	3, 129, 641	14, 323, 145	59, 287, 561
Spoil bank leveling.....	do.....	6, 406, 330	24, 288, 300	39, 949	125, 056	2, 300	35, 986	6, 448, 579	24, 449, 342
Levees and dikes.....	Miles...	51	145	3	11	14	43	68	199
Levees and dikes.....	Cu. yds.	547, 758	1, 703, 826	204, 693	359, 709	207, 833	841, 156	960, 284	2, 904, 691
Channel stabilization.....	Miles...	28	150	3	49	4	23	35	222
Drainage and irrigation pipe.....	Lin. ft...	469, 757	1, 401, 822	15, 025	115, 459	42	2, 982	484, 824	1, 520, 263
Reservoirs.....	Number	1	3	17	91	1	3	19	97
Reservoirs.....	Acre ft...	500	550	10, 127	45, 907	1	27	10, 628	46, 484
Structures.....	Number	786	3, 412	789	3, 858	12	116	1, 587	7, 386

<sup>1</sup> Group enterprise plans are defined as any job involving two or more landowners or operators who agree to work together to carry on the construction, operations and maintenance specified in the plans.

<sup>2</sup> Other types include special erosion control, water control, water spreading and other such group enterprise jobs.

Soil Conservation Service.

TABLE 771.—*Runoff waterflow retardation and soil erosion prevention (flood control operations) by the Soil Conservation Service within authorized watersheds*

Watersheds <sup>1</sup>	Survey reports		Sub-watershed work plans, cumulative to Dec. 31, 1949			Estimated cost <sup>2</sup>	
	Completed	To Congress <sup>3</sup>	Prepared	Area	Farms	Total	S.C.S., flood control
	Date	Date	Number	Acres	Number	Dollars	Dollars
Buffalo Creek (N.Y.).....	-----	Apr. 28, 1944	4	37,440	403	1,389,407	706,151
Coosa River (above Rome, Ga.).....	Mar. 16, 1943	June 8, 1943	8	290,640	2,950	2,396,072	877,569
Little Tallahatchie (Miss.).....	April 1942	Nov. 30, 1942	15	234,476	1,658	2,230,375	978,930
Little Sioux (Iowa, Minn.).....	May 29, 1943	Aug. 9, 1943	38	76,363	755	12,998,694	12,336,806
Los Angeles (Calif.).....	-----	Nov. 23, 1941	9	55,173	2,563	4,438,695	1,537,948
Middle Colorado (Texas).....	June 17, 1943	Aug. 9, 1943	54	1,051,328	2,712	8,633,588	5,818,471
Potomac (Va., W. Va., Md., Pa.).....	May 29, 1943	Aug. 9, 1943	26	858,812	2,747	8,444,303	1,399,927
Santa Ynez (Calif.).....	Jan. 21, 1944	Mar. 23, 1944	3	23,400	195	1,045,983	1,042,937
Trinity (Texas).....	-----	Apr. 3, 1942	217	1,721,259	11,263	22,039,835	10,143,781
Washita (Okla., Texas).....	Dec. 1941	Sept. 7, 1943	104	1,019,569	5,007	19,118,877	13,062,367
Yazoo (Mississippi).....	Sept. 29, 1943	Apr. 27, 1944	30	433,052	2,498	3,833,126	1,469,528
Total.....	-----	-----	508	5,801,512	32,751	86,568,955	49,374,415

<sup>1</sup> All of the listed watersheds were approved Dec. 22, 1944; however, flood control funds did not become available until 1946 for use within the watersheds.

<sup>2</sup> Includes public and private costs for the complete installation of the measures specified in the subwatershed work plans, over a period of years, based on prevailing costs at the time of planning.

<sup>3</sup> Does not include estimates of farmland treatments included in farm conservation plans.

Soil Conservation Service.

TABLE 772.—*Works of improvement planned and completed within 11 authorized watersheds, with the assistance of the Soil Conservation Service, to Dec. 31, 1949*

Practices and measures	Unit	Planned		Completed	
		1949	Cumulative	1949	Cumulative
Detention reservoirs.....	Number.....	246	811	23	36
Detention reservoirs.....	Acre feet.....	79,805	338,269	5,580	8,030
Debris basins.....	Number.....	284	1,112	551	838
Revegetation:					
Grasses and legumes.....	Acres.....	80,992	361,502	65,640	108,761
Woody plantings.....	do.....	11,564	44,833	3,217	5,413
Waterways.....	Miles.....	57	177	20	49
Channel stabilization.....	do.....	283	857	59	79
Channel excavation.....	do.....	91	236	17	30
Channel excavation.....	Cubic yards.....	4,817,371	16,468,418	599,039	1,316,000
Structures (permanent).....	Number.....	582	2,191	90	253
Diversions.....	Miles.....	47	327	10	69
Gully control.....	Acres.....	5,122	14,946	1,155	1,415
Roadside erosion control.....	Miles.....	239	1,068	154	163

Soil Conservation Service. Subwatershed work plans serve as a basis for selecting items of accomplishments which are credited to flood control operations. The above totals are for subwatershed work plans in soil conservation districts where works of improvement have been planned and completed by cooperating farmers, as well as work done by or contracted by the Soil Conservation Service. Most of this work has been initiated since 1946.



TABLE 773.—Use and income of lands managed in the agricultural land-utilization program of the Soil Conservation Service, under Title III of the Bankhead-Jones Farm Tenant Act, by States, 1949

Division and State	Total area managed	Used for grazing		Used for annual crops	Used for hay	Forest use		Person-days recreational use	Net revenue <sup>1</sup>
		Acres	Animal unit months			Lumber production	Value of products sold		
	Acres	Acres	Animal unit months	Acres	Tons	Board feet	Dollars	Number	Dollars
Middle Atlantic:									
Maine.....	482								
New York.....	13,658	5,281	8,328	529		93,434	288	1,500	1,431
Pennsylvania.....	5,193	1,800	2,205			36,217	273	5,050	3,138
East North Central:									
Michigan.....	7,478			14					
West North Central:									
Missouri.....	12,938	4,552	4,398	5	43	25,000			6,563
North Dakota.....	1,077,305	1,050,871	377,745	2,725	11,392	36,400	30	2,348	139,809
South Dakota.....	859,907	841,331	322,823	932	5,187	19,490	283		100,699
Nebraska.....	133,580	132,987	41,665	433	404	30,559	73		16,493
Kansas.....	102,556	54,597	18,215	4,260					34,028
South Atlantic:									
Delaware.....	927			77				55,000	227
West Virginia.....	7,948	820	1,105	19	87	209,677	103		326
North Carolina.....	14,062	214	276	348	64	7,972	209		6,783
South Carolina.....									81
Georgia.....	108,974	3,786	5,527	983	125	8,211,296	16,912	7,775	28,373
Florida.....	117,546	84,966	44,468	69		5,433,046	42,557	2,150	48,187
Maryland.....									25
East South Central:									
Tennessee.....	1,212							2,000	1,212
Alabama.....	10,777	451	1,179					28,703	27,593
Mississippi.....	57,339	10,540	5,716	548	533	8,493,887	24,542		
West South Central:									
Arkansas.....	84,438	11,276	12,805	557	119	2,806,818	24,465	342,535	48,138
Louisiana.....	31,157	583	1,126		90	1,348,183	21,037	89,502	24,687
Oklahoma.....	81,287	38,516	14,708	1,078		422,184	2,143		20,779
Texas.....	128,165	88,222	37,638	5,323	2	238,540	1,670	317,640	61,225
Mountain:									
Montana.....	1,925,131	1,912,981	427,685	525	1,432	10,940	43	1,550	141,776
Idaho.....	126,145	120,915	20,807						4,262
Wyoming.....	567,362	564,218	133,008	2	388	6,457	26	2,300	34,083
Colorado.....	625,551	559,023	117,172	4,946	230			2,450	106,437
New Mexico.....	3 661,254	663,219	83,478			2,697,337	8,627	165	56,945
Arizona.....	3 1,465	59,412	1,248						258
Utah.....	3 39,019	46,552	4,279	12					1,319
Pacific:									
Oregon.....	110,953	108,826	15,669			492,130	2,934		7,465
California.....	26,660	20,130	3,530	128					3,478
Total.....	6,970,469	6,386,159	1,706,803	23,513	20,096	30,619,567	146,215	860,668	4 925,820

<sup>1</sup> Total collections, less refunds during calendar year 1949, and includes revenue from sources other than those shown in this table, such as building occupancy, sales of improvements, minerals, and easements.

<sup>2</sup> Collections from mineral royalties from lands, the surface of which is administered by State agencies under long-term lease.

<sup>3</sup> Includes public domain lands administered under agreement with Grazing Service.

<sup>4</sup> Of this amount, 25 percent is paid to counties in which Title III lands are located, to be used for schools and roads.

Soil Conservation Service.

TABLE 774.—*Soil surveys of Bureau of Plant Industry, Soils, and Agricultural Engineering: Areas mapped during the year beginning July 1, 1948, and areas previously reported*<sup>1</sup>

State or territory	Detailed				Reconnaissance			
	Work during year beginning July 1, 1948	Work previously reported <sup>2</sup>	Total		Work during year beginning July 1, 1948	Work previously reported <sup>2</sup>	Total	
	Square miles	Square miles	Square miles	Equivalent 1,000 acres	Square miles	Square miles	Square miles	Equivalent 1,000 acres
Maine.....		4,888	4,888	3,128				
New Hampshire <sup>3</sup> .....	19	7,975	7,994	5,116				
Vermont.....		1,175	1,175	752		9,124	9,124	6,839
Massachusetts.....		5,811	5,811	5,639				
Rhode Island.....		2,152	2,152	1,377				
Connecticut.....	33	1,704	1,737	1,112				
New York.....	100	42,592	42,692	27,323				
New Jersey.....		9,895	9,895	6,333				
Pennsylvania.....	224	25,698	25,922	16,550		41,405	41,405	26,499
Ohio.....	386	19,808	20,194	12,924		41,420	41,420	26,509
Indiana <sup>3</sup> .....		26,359	26,587	17,016				
Illinois.....	550	6,830	7,380	4,723				
Michigan.....	354	36,271	36,625	23,440	463	6,422	6,885	4,406
Wisconsin.....	569	27,022	27,591	17,658		14,425	14,425	9,232
Minnesota.....	687	15,436	16,123	10,319	363	13,067	13,430	8,596
Iowa.....		54,247	54,247	34,718				
Missouri.....	544	39,127	39,671	25,389				
North Dakota.....		23,049	23,049	14,751		39,240	39,240	25,114
South Dakota.....		8,403	8,403	5,378		41,400	41,400	26,496
Nebraska.....	108	77,827	77,935	49,878		53,064	53,064	33,961
Kansas.....	189	17,448	17,637	11,288		39,960	39,960	25,575
Delaware.....		2,276	2,276	1,457				
Maryland.....		13,959	13,959	8,934				
Virginia <sup>3</sup> .....	212	21,591	21,803	13,954				
West Virginia.....		24,681	24,681	15,796				
North Carolina <sup>3</sup> .....	38	54,541	54,579	34,930				
South Carolina.....		27,999	27,999	17,919				
Georgia <sup>3</sup> .....	142	37,812	37,954	24,291				
Florida.....	468	19,202	19,670	12,589				
Kentucky.....		6,832	6,832	4,372				
Tennessee <sup>3</sup> .....	716	23,361	24,077	15,409				
Alabama.....	155	65,440	65,595	41,981				
Mississippi.....	666	32,972	33,638	21,828				
Arkansas.....		15,547	15,547	9,950				
Arkansas-Missouri.....						58,000	58,000	37,120
Louisiana.....	15	17,431	17,446	11,165				
Oklahoma.....	154	30,601	30,755	19,683				
Texas.....	78	71,320	71,398	45,695		152,855	152,855	97,827
Montana.....	174	3,980	4,154	2,659		59,189	59,189	37,881
Idaho.....		13,391	13,391	8,570				
Wyoming.....		17,088	17,088	10,936				
Colorado.....	70	7,655	7,725	4,944				
New Mexico.....		2,565	2,565	1,642				
Arizona.....		5,654	5,654	3,619				
Utah.....		4,409	4,409	2,822				
Nevada.....		652	652	417				
Washington.....	358	21,872	22,230	14,227		18,409	18,409	11,782
Oregon.....	217	17,825	18,042	11,547				
California.....	717	49,098	49,815	31,882		32,135	32,135	20,566
Alaska.....						31,915	31,915	20,426
Hawaii.....		3,668	3,668	2,348		2,738	2,738	1,752
Puerto Rico.....		3,765	3,765	2,410				
Total.....	8,171	1,073,904	1,082,075	692,528	826	654,768	655,594	419,580

<sup>1</sup> The preparation of soil maps by the Division of Soil Survey, Bureau of Plant Industry, Soils, and Agricultural Engineering, is generally done in cooperation with the State agricultural experiment stations. Inquiry for available maps and reports may be made of the State agricultural college, the State agricultural experiment station, or the U. S. Department of Agriculture.

<sup>2</sup> These figures refer to work done for a period of over 40 years and in some instances include resurveys.

<sup>3</sup> During the fiscal year 1949, maps were published for the following counties in the states indicated: Georgia, Candler County; Indiana, Johnson County; New Hampshire, Strafford County; North Carolina, Jackson and Transylvania counties; Tennessee, Claiborne and Grainger counties; and Virginia, Tazewell County.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 775.—*Forest land area of the United States and ownership of commercial forest land, by regions, 1945*

Region	Total forest land <sup>1</sup>	Commercial forest land							
		All owner-ships	Federally owned or managed			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farm	Industrial and other
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New England.....	31,092	30,851	891	822	69	666	29,294	6,477	22,817
Middle Atlantic.....	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643
Lake.....	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930	15,115
Central.....	44,919	44,213	2,117	1,951	166	326	41,770	25,789	15,981
Plains.....	35,828	3,326	332	30	302	4	2,990	2,900	30
North.....	211,753	170,321	11,311	9,523	1,788	19,414	139,506	61,010	78,586
South Atlantic.....	43,843	42,923	3,485	2,775	710	536	38,902	23,377	15,525
Southeast.....	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131
West Gulf.....	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
South.....	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
Pacific Northwest.....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
California.....	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
North Rocky Mountain.....	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
South Rocky Mountain.....	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
West.....	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
All regions.....	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915

<sup>1</sup> Forest land is all land bearing or once supporting commercial or noncommercial forest and not at present in use or likely to be suitable for any form of use higher than forestry.

Commercial forest land is land bearing or capable of producing timber of commercial quantity and quality and economically available now or prospectively for commercial use and not withdrawn from commercial use.

Noncommercial forest land is (1) commercially valuable forest land in the form of parks, preserves, wilderness areas, etc., actually withdrawn from commercial use; and (2) open grown pinon-juniper lands in the West, chaparral in southern California, oak-cedar brakes in Texas and Oklahoma, remote and inaccessible alpine areas, and other areas which because of very low productivity or excessively poor quality timber or extreme inaccessibility appear to be permanently out of the timber producing class. Much of this land has important value in watershed protection, preventing or reducing soil erosion, protecting wildlife, providing game cover, etc.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 765.

TABLE 776.—*Saw timber: Estimated board-foot volume on commercial forest land in the United States, by regions, 1945*<sup>1</sup>

Region	Total		Soft-woods	Hard-woods	On saw-timber areas		On other than saw-timber areas
					On virgin areas	On second-growth areas	
	Million board feet	Percent of grand total	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
New England.....	58, 197	3. 63	33, 263	24, 934	726	48, 605	8, 866
Middle Atlantic.....	62, 045	3. 88	14, 017	48, 028	1, 197	47, 459	13, 389
Lake.....	50, 710	3. 17	15, 670	35, 040	17, 390	23, 280	10, 040
Central.....	43, 747	2. 73	2, 418	41, 329	1, 249	36, 616	5, 882
Plains.....	5, 730	. 36	468	5, 262	1, 080	3, 426	1, 224
North.....	220, 429	13. 77	65, 836	154, 593	21, 642	159, 386	39, 401
South Atlantic.....	97, 141	6. 07	59, 326	37, 815	-----	90, 205	6, 936
Southeast.....	135, 887	8. 49	76, 992	58, 895	4, 674	121, 473	9, 740
West Gulf.....	104, 959	6. 55	57, 472	47, 487	6, 943	94, 155	3, 861
South.....	337, 987	21. 11	193, 790	144, 197	11, 617	305, 833	20, 537
Pacific Northwest.....	630, 894	39. 41	626, 941	3, 953	513, 149	111, 706	6, 039
California.....	227, 565	14. 21	227, 565	-----	180, 082	32, 624	14, 859
North Rocky Mountain.....	127, 299	7. 95	126, 293	936	69, 810	43, 212	14, 207
South Rocky Mountain.....	56, 868	3. 55	55, 952	916	44, 040	7, 958	4, 870
West.....	1, 042, 556	65. 12	1, 036, 751	5, 805	807, 081	195, 500	39, 975
All regions.....	1, 600, 972	100. 00	1, 296, 377	304, 595	840, 340	660, 719	99, 913

<sup>1</sup> Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of the actual use, in accordance with the practice of the region. Volumes are on lumber-tally basis.

Minimum sizes of saw-timber trees: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type 24" D.B.H.

Virgin growth includes mature or overmature forests not seriously disturbed by cutting or by fire, insects, and disease infestations, or other natural causes, and generally characterized by the absence of any net growth; and mature and overmature forests so lightly cut or otherwise disturbed as not to make any material change in the original forest canopy or the quality of the original stand, or to induce net growth in any appreciable amount.

Second growth includes forests which have been cut over or which have been so disturbed by fire, insects, or disease, windstorms, or other natural causes that net growth occurs and they no longer qualify as virgin forests.

Forest Service; from A Reappraisal of The Forest Situation. Data by States in Agricultural Statistics, 1948, table 766.

TABLE 777.—Saw timber on commercial forest land: Western trees, by regions and species, 1945<sup>1</sup>

Species	Pacific Northwest	California	North Rocky Mountain	South Rocky Mountain	West
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Douglas fir.....	331, 227	<sup>2</sup> 68, 613	26, 718	3, 470	430, 028
Ponderosa pine.....	80, 198	<sup>3</sup> 51, 191	26, 771	26, 865	<sup>4</sup> 185, 025
True fir.....	57, 854	<sup>4</sup> 43, 012	9, 360	3, 315	113, 541
Western hemlock.....	95, 855	1, 352	1, 352	97, 207	97, 207
Sugar pine and western white pine.....	8, 089	19, 505	12, 630	40, 224	40, 224
Redwood.....	8, 020	<sup>5</sup> 38, 114	15, 361	35, 880	35, 880
Spruce.....	8, 727	17, 879	17, 879	26, 605	26, 605
Larch.....	1, 171	14, 408	6, 483	22, 060	22, 060
Lodgepole pine.....	35, 800	7, 130	4, 678	48, 066	48, 066
Other softwoods.....					
Hardwoods.....	3, 953		936	916	5, 805
Total.....	630, 894	227, 565	127, 229	56, 868	1, 042, 556

<sup>1</sup> Status beginning of 1945. Of the total 1,042,556 million board feet in this tabulation, 1,036,751 million board feet is softwoods and the remainder is hardwoods, as indicated.

<sup>2</sup> May include some white fir, Sitka spruce, western hemlock, Port Orford cedar, and western red cedar, which are commonly lumped with Douglas fir in redwood cruising.

<sup>3</sup> Includes Jeffrey pine.

<sup>4</sup> Includes the western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.

<sup>5</sup> Redwood exclusive of volume of 1,000 Big trees reported on cruises in the West-Side Sierra sub-region.

<sup>6</sup> Excluding 416 million board feet in Plains region. Grand total of ponderosa pine in the United States is 185,441 million board feet. See also table 778.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 769.

TABLE 778.—Saw timber on commercial forest land: Eastern softwoods, by species and by regions, 1945<sup>1</sup>

Region	Total	Southern yellow pine	Spruce and fir <sup>2</sup>	White and Norway pine	Hemlock	Cypress	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	33, 263	142	20, 649	7, 330	3, 764	1, 378	1, 378
Middle Atlantic.....	14, 017	4, 035	2, 718	3, 050	3, 996	218	218
Lake.....	15, 670	3, 600	3, 690	5, 950	2, 430	2, 430	2, 430
Central.....	2, 418	1, 727	161	343	126	61	61
Plains.....	468	51			1	<sup>3</sup> 416	<sup>3</sup> 416
North.....	65, 836	5, 955	26, 967	14, 231	14, 053	127	4, 503
South Atlantic.....	59, 326	54, 954	40	817	726	2, 277	512
Southeast.....	76, 992	70, 927		335	142	3, 284	2, 304
West Gulf.....	57, 472	56, 491				548	433
South.....	193, 790	182, 372	40	1, 152	868	6, 109	3, 249
All North and South...	259, 626	188, 327	27, 007	15, 383	14, 921	6, 236	7, 752

<sup>1</sup> Status beginning of 1945.

<sup>2</sup> Balsam fir.

<sup>3</sup> Ponderosa pine. The total volume of ponderosa pine in the United States is 185,441 million board feet, including the 416 million feet in the Plains region. See also table 777.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 767.

TABLE 779.—*Saw timber on commercial forest land: Eastern hardwoods, by species and by regions, 1945*<sup>1</sup>

Region	Total	Oak	Beech, birch and maple	Sweet- gum	Tupelo and black gum	Cotton- wood and aspen	Yellow poplar	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England .....	24,934	2,265	20,740	—	—	1,385	50	488
Middle Atlantic .....	48,028	19,012	19,310	—	—	1,154	1,710	6,842
Lake .....	35,040	5,090	17,090	—	—	6,380	—	6,480
Central .....	41,329	20,370	7,207	616	348	2,472	2,169	8,147
Plains .....	5,262	702	—	36	3	2,414	—	2,107
North .....	154,593	47,439	64,347	652	351	13,805	3,935	24,064
South Atlantic .....	37,815	12,815	2,330	6,667	6,250	116	4,512	5,125
Southeast .....	58,895	21,017	1,210	10,516	7,309	907	3,900	14,036
West Gulf .....	47,487	20,110	—	8,641	5,047	834	—	12,855
South .....	144,197	53,942	3,540	25,824	18,606	1,857	8,412	32,016
All North and South	298,790	101,381	67,887	26,476	18,957	15,662	12,347	56,080

<sup>1</sup> Status beginning of 1945.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 768.

TABLE 780.—*Annual drain from all timber and from saw timber on commercial forest land in the United States, by cutting for commodities 1944, and by destructive agencies, average 1934-43*<sup>1</sup>

## TIMBER CUT FOR COMMODITIES, 1944

Item	All timber drain <sup>2</sup>			Saw-timber drain <sup>3</sup>		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Lumber .....	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood .....	2,203	719	1,484	3,863	1,957	1,906
Pulpwood .....	1,306	1,163	143	4,757	4,500	257
Hewed ties .....	363	153	210	1,643	777	866
Fence posts .....	220	59	161	226	82	144
Veneer logs .....	362	165	227	1,971	942	1,029
Mine timbers .....	225	40	185	320	70	250
Cooperage .....	174	40	134	744	195	549
Shingles .....	72	72	—	334	334	—
Other .....	516	159	357	1,409	604	805
Total .....	12,182	7,348	4,834	49,658	35,591	14,067

## TIMBER REMOVED BY DESTRUCTIVE AGENCIES, 1934-43 AVERAGE

Fire .....	460	247	213	859	547	312
Insects, disease, wind, etc. ....	1,019	556	463	3,376	2,392	984
Total .....	1,479	803	676	4,235	2,939	1,296
Grand total .....	13,661	8,151	5,510	53,893	38,530	15,363

<sup>1</sup> Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.<sup>2</sup> Drain from all trees 5" D.B.H. and larger, bark not included.<sup>3</sup> Drain (lumber-tally basis) from trees above the following minimum saw timber sizes: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress, and 13" for hardwoods. Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 781.—*Current annual growth of all timber and of saw timber on commercial forest land in the United States, by regions, 1945*<sup>1</sup>

Region	All timber growth <sup>2</sup>			Saw-timber growth <sup>3</sup>		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	897	419	478	1,799	910	889
Middle Atlantic.....	1,397	273	1,124	2,712	597	2,115
Lake.....	812	178	634	1,403	346	1,057
Central.....	1,440	95	1,345	2,248	128	2,120
Plains.....	120	11	109	193	19	174
North.....	4,666	976	3,690	8,355	2,000	6,355
South Atlantic.....	1,761	1,007	754	6,106	4,016	2,090
Southeast.....	2,714	1,480	1,234	8,224	5,284	2,940
West Gulf.....	1,916	1,033	883	5,608	3,619	1,989
South.....	6,391	3,520	2,871	19,938	12,919	7,019
Pacific Northwest.....	1,243	1,211	32	4,224	4,152	72
California.....	335	335	-----	1,160	1,160	-----
North Rocky Mountain.....	540	537	3	1,306	1,302	4
South Rocky Mountain.....	195	177	18	318	315	3
West.....	2,313	2,260	53	7,008	6,929	79
All regions.....	13,370	6,756	6,614	35,301	21,848	13,453

<sup>1</sup> Status beginning of 1945. Includes growth on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

<sup>2</sup> Annual growth of all trees 5" D.B.H. and larger, including tops and limbs (top only in softwoods) of saw timber trees and total volume of trees reaching 5" in D.B.H. each year. Bark not included.

<sup>3</sup> Annual growth on the trees above the following minimum saw timber sizes and total volume of trees reaching these minimum sizes each year, all on lumber-tally basis: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas fir subregion): 15" D.B.H. California: all except redwood type 12" D.B.H.: redwood type 24" D.B.H.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics 1948, table 771.

TABLE 782.—Number of visits to the national forests for utilization of the recreation resources, by States and territories, 1948

State or territory	Utilization of recreation resources										Highways, roads, and water routes	Grand total
	Utilization of improved public recreation areas				Organiza- tion camps	Hotels or resorts	Recrea- tion residences	Wilderness areas	Other forest areas	Total		
	Camp grounds	Picnic areas	Winter sports areas	Sub- total								
	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits
Alabama.....		44, 170		44, 170	3, 000				45, 000	92, 170	60, 000	152, 170
Alaska.....	935	17, 050	4, 600	22, 585	1, 130	2, 200	6, 910		23, 060	55, 885	29, 350	85, 235
Arizona.....	99, 240	352, 900	29, 335	481, 475	11, 435	87, 594	6, 553	16, 767	336, 230	940, 054	1, 875, 325	2, 815, 379
Arkansas.....	38, 950	135, 050		174, 000	4, 205	34, 860	300		76, 980	290, 345	343, 000	633, 345
California.....	1, 041, 584	455, 695	777, 859	2, 275, 138	128, 193	554, 715	259, 462	60, 820	1, 017, 345	4, 295, 673	14, 906, 773	19, 202, 446
Colorado.....	162, 145	448, 065	155, 820	766, 030	7, 460	431, 135	24, 965	7, 640	463, 805	1, 701, 035	4, 376, 870	6, 077, 905
Florida.....	20, 500	171, 000		191, 500	5, 835	800	6, 000		29, 000	233, 135	242, 500	475, 635
Georgia.....	18, 300	209, 120		227, 420	8, 900	1, 000	600		263, 300	501, 220	1, 077, 500	1, 578, 720
Idaho.....	341, 815	198, 503	135, 625	675, 943	5, 790	46, 806	15, 742	13, 170	325, 936	1, 083, 387	1, 272, 055	2, 355, 442
Illinois.....	100	150, 800		150, 900					97, 000	247, 900	460, 000	707, 900
Indiana.....	40	25, 080		25, 120					49, 240	74, 360	79, 000	153, 360
Kentucky.....		7, 800		7, 800	150				30, 400	38, 350	65, 000	103, 350
Louisiana.....		25, 000		25, 000			19, 968		3, 800	48, 768	20, 000	68, 768
Maine.....	300	4, 555		4, 855					1, 450	6, 305	81, 000	87, 305
Michigan.....	34, 920	79, 700	129, 670	244, 290	6, 745	700	1, 800		517, 050	770, 585	3, 313, 000	4, 083, 585
Minnesota.....	22, 063	35, 910	23, 200	81, 173	5, 818	33, 882	6, 225	48, 276	81, 999	257, 373	672, 001	929, 374
Mississippi.....	11, 900	25, 286		37, 186					47, 100	84, 286	512, 485	596, 771
Missouri.....	5, 450	62, 615		68, 065	625				210, 150	278, 840	474, 300	753, 140
Montana.....	74, 221	147, 620	12, 580	234, 421	22, 235	52, 475	51, 965	8, 007	360, 050	729, 153	1, 251, 303	1, 980, 456
Nebraska.....		22, 000		22, 000					1, 800	23, 800	1, 600	25, 400
Nevada.....	25, 340	44, 450	3, 650	73, 440	1, 850	350	1, 005		23, 002	99, 647	236, 300	335, 947
New Hampshire.....	14, 386	59, 147	76, 780	150, 313		73, 425		50	203, 871	427, 659	2, 000, 000	2, 427, 659
New Mexico.....	67, 925	183, 740	16, 470	268, 135	7, 525	3, 145	2, 970	6, 205	214, 875	502, 855	189, 420	692, 275
North Carolina.....	138, 100	373, 800		511, 900	2, 265	87, 000	600	11, 000	254, 700	867, 465	1, 520, 000	2, 387, 465
Ohio.....	35, 000	142, 000		177, 000					18, 500	195, 500	4, 000	199, 500
Oklahoma.....		2, 900		2, 900					5, 150	8, 050	5, 000	13, 050
Oregon.....	437, 730	400, 283	296, 690	1, 134, 703	15, 035	157, 665	17, 816	11, 185	218, 977	1, 555, 381	1, 700, 755	3, 256, 136
Pennsylvania.....	5, 500	118, 400	200	124, 100	1, 000	5, 200	4, 400		1, 942, 900	2, 077, 600	2, 750, 000	4, 827, 600
Puerto Rico.....		34, 220		34, 220		11, 100	4, 150			49, 470	5, 250	54, 720
South Carolina.....		62, 900		62, 900					9, 900	72, 800	120, 140	192, 940
South Dakota.....	17, 470	177, 970	20	195, 460	6, 350	31, 600	7, 710	20	357, 996	599, 136	1, 864, 600	2, 463, 736
Tennessee.....	6, 000	127, 200		133, 200	4, 260	16, 300	8, 200		283, 700	445, 660	187, 000	632, 660
Texas.....	6, 200	49, 000		55, 200	2, 000				30, 000	87, 200	33, 000	120, 200



Utah.....	354,655	1,379,900	289,434	2,023,989	41,450	104,300	59,345	11,500	382,464	2,623,048	1,304,385	3,927,433
Vermont.....	500	41,796	500	42,796					10,200	52,996	23,000	75,996
Virginia.....	7,182	278,724		285,906	2,070	1,030	1,722		111,500	402,228	84,700	486,928
Washington.....	308,366	167,545	280,540	756,451	14,978	85,529	38,041	3,725	174,510	1,073,234	5,804,400	6,877,634
West Virginia.....	6,751	242,374		249,125	2,597				93,328	345,050	89,610	434,660
Wisconsin.....	16,270	81,660	10,750	108,680	2,845	180	550		104,600	210,855	528,400	745,255
Wyoming.....	104,250	96,230	41,220	241,700	9,480	105,765	25,500	15,085	158,976	550,506	3,585,350	4,141,856
Total.....	3,424,088	6,682,158	2,284,943	12,391,189	325,226	1,928,756	572,499	213,450	8,579,844	24,010,964	53,148,372	77,159,336

Forest Service.

TABLE 783.—*Construction, betterment, and maintenance of national forest roads and trails, by States and territories, year beginning July 1, 1948*

State or territory	Roads						Trails <sup>1</sup>	Total expendi- tures <sup>2</sup>
	Miles			Expenditures				
	Construc- tion	Better- ment	Mainte- nance	Construc- tion and better- ment	Mainte- nance	Cost	Cost	
	<i>Miles</i>	<i>Miles</i>	<i>Miles</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama.....	6.5	14.5	354	30,257	79,745	110,002		110,002
Alaska.....	2.6	3.8	52	125,417	18,882	144,299	90,353	234,652
Arizona.....	4.0	64.7	6,146	226,192	247,484	473,676	27,431	501,107
Arkansas.....		16.4	2,598	72,108	192,601	264,709		264,709
California.....	29.6	35.6	13,339	1,382,826	944,703	2,327,529	365,723	2,693,252
Colorado.....	7.1	96.9	3,443	357,708	274,943	632,651	86,931	719,582
Florida.....	5.5	35.5	901	95,975	114,582	210,557		210,557
Georgia.....	3	6	449	38,519	63,035	101,554	1,735	103,289
Idaho.....	29.1	2.6	7,568	695,657	1,159,392	1,855,049	377,416	2,232,465
Illinois.....	4.7		283	38,658	49,679	88,337		88,337
Indiana.....	1.2		10	1,315	2,628	3,943		3,943
Kentucky.....	1.3	35.4	198	35,375	52,959	88,334		88,334
Louisiana.....	3	2.0	551	5,941	110,258	116,199		116,199
Maine.....	1.6		17	21,253	3,043	24,296	784	25,080
Michigan.....	4.4	35.5	1,569	106,468	133,276	239,744		239,744
Minnesota.....	3.7	3.0	1,139	97,846	149,317	247,163	8,706	255,869
Mississippi.....	9.2	14.7	856	48,429	212,354	260,783		260,783
Missouri.....			965	16,308	86,292	102,600		102,600
Montana.....	22.0	5.9	5,867	255,187	885,759	1,140,946	267,095	1,408,041
Nebraska.....			115	758	3,748	4,506		4,506
Nevada.....	10.4		593	17,964	71,216	89,180	5,209	94,389
New Hampshire.....	1.5	1.0	91	72,103	27,432	99,535	12,134	111,669
New Mexico.....	3.5	2.5	3,606	52,875	201,240	254,115	36,633	290,748
North Carolina.....	16.5		607	32,654	93,310	125,964	4,048	130,012
Ohio.....			17	89	6,388	6,477		6,477
Oklahoma.....	5.6		214	4,985	10,472	15,457		15,457
Oregon.....	36.0	23.3	10,216	1,678,274	1,175,942	2,854,216	239,277	3,093,493
Pennsylvania.....	6	8.6	191	33,409	28,571	61,980	696	62,676
Puerto Rico.....	1.5	17.0	19	28,026	8,220	36,246	4,926	41,172
South Carolina.....			620	996	126,643	127,639		127,639
South Dakota.....	4.0	47.5	1,028	83,900	59,696	143,596	82	143,678
Tennessee.....	7.5		485	4,632	79,825	84,457	1,963	86,420
Texas.....	14.8	14.8	720	60,136	146,463	206,599		206,599
Utah.....	44.5		2,141	93,117	202,618	295,735	25,808	321,543
Vermont.....	1.9	8	68	53,935	29,383	83,318	2,120	85,438
Virginia.....	2.0	16.2	536	73,493	86,598	160,091	5,588	165,679
Washington.....	11.2	15.5	3,862	896,706	1,191,954	2,088,660	469,283	2,557,943
West Virginia.....	10.3	1.0	601	66,692	62,607	129,299	4,280	133,579
Wisconsin.....	2.3	11.0	953	66,748	95,774	162,522		162,522
Wyoming.....	.9	12.0	1,404	89,128	105,271	194,399	58,836	253,235
Total.....	308.1	538.3	74,392	7,062,059	8,594,303	15,656,362	2,097,057	17,753,419

<sup>1</sup> The expenditures on trails covered the construction and betterment of 158 miles of trails and the maintenance of 90,514 miles.

<sup>2</sup> Includes \$339,134 of cooperative funds.

Forest Service.

TABLE 784.—National forest, purchase unit, experimental, and land-utilization areas, by regions, June 30, 1949

Region and unit <sup>1</sup>	Number of units	Gross area	Area not under Forest Service administration	Area under Forest Service administration		
				Owned by the United States	In the process of acquisition	Total
United States and territories <sup>2,3</sup>		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
National forests	152	219,466,264	39,617,325	179,339,893	509,046	179,848,939
Purchase units	39	9,083,756	8,496,637	575,219	11,900	587,119
Experimental areas	18	340,210	21,855	318,355		318,355
Land-utilization and other areas		284,559	144,238	140,321		140,321

## AREAS BY FOREST SERVICE REGIONS

Region 1		27,848,207	3,172,158	24,583,635	92,414	24,676,049
National forests	17	27,848,207	3,172,158	24,583,635	92,414	24,676,049
Region 2		21,912,127	2,205,695	19,689,615	16,817	19,706,432
National forests	17	21,862,039	2,164,925	19,680,297	16,817	19,697,114
Land-utilization areas		50,088	40,770	9,318		9,318
Region 3		22,427,899	1,967,504	20,399,608	60,787	20,460,395
National forests	13	22,017,629	1,892,529	20,064,313	60,787	20,125,100
Experimental areas	3	246,886	4,097	242,789		242,789
Land-utilization and other areas		163,384	70,878	92,506		92,506
Region 4		32,899,175	2,172,154	30,713,793	13,228	30,727,021
National forests	21	32,791,002	2,145,541	30,632,233	13,228	30,645,461
Purchase units	2	31,114	26,613	4,501		4,501
Experimental areas	1	55,625		55,625		55,625
Land-utilization areas		21,434		21,434		21,434
Region 5		24,355,347	5,128,111	19,181,827	45,409	19,227,236
National forests	18	23,487,233	4,279,603	19,162,221	45,409	19,207,630
Purchase units	2	863,000	848,508	14,492		14,492
Experimental areas	2	4,714		4,714		4,714
Other areas		400		400		400
Region 6		26,876,615	3,568,623	23,260,421	47,571	23,307,992
National forests	19	26,876,615	3,568,623	23,260,421	47,571	23,307,992
Region 7		10,370,898	6,164,699	4,174,836	31,363	4,206,199
National forests	7	9,347,687	5,188,444	4,127,880	31,363	4,159,243
Purchase units	4	997,321	961,249	36,072		36,072
Experimental areas	5	25,890	15,006	10,884		10,884
Region 8		21,658,687	12,253,891	9,331,589	73,207	9,404,796
National forests	24	18,860,868	9,580,923	9,207,172	72,773	9,279,945
Purchase units	12	2,790,761	2,670,216	120,111	434	120,545
Experimental areas	5	7,058	2,752	4,306		4,306
Region 9		19,756,973	11,458,893	8,158,108	139,972	8,298,080
National forests	13	15,426,355	7,544,573	7,753,098	128,684	7,881,782
Purchase units	18	4,281,355	3,881,730	388,337	11,288	399,625
Experimental areas	1	10		10		10
Land-utilization areas		49,253	32,590	16,663		16,663
Region 10 (Alaska)		20,882,679	35,134	20,847,545		20,847,545
National forests	2	20,882,679	35,134	20,847,545		20,847,545
Tropical Region (Puerto Rico)		186,182	153,193	32,811	178	32,989
National forests	1	65,950	44,872	21,078		21,078
Purchase units	1	120,205	108,321	11,706	178	11,884
Experimental areas	1	27		27		27

## DIVISION OF TOTAL AREAS BETWEEN CONTINENTAL UNITED STATES AND TERRITORIES

Continental United States		208,105,928	48,091,728	159,493,432	520,768	160,014,200
National forests	149	198,517,635	39,537,319	158,471,270	509,046	158,980,316
Purchase units	38	8,963,551	8,338,316	563,513	11,722	575,235
Experimental areas	17	340,183	21,855	318,328		318,328
Land-utilization and other areas		284,559	144,238	140,321		140,321
Territories		21,068,861	188,327	20,880,356	178	20,880,534
National forests	3	20,948,629	80,006	20,868,623		20,868,623
Purchase units	1	120,205	108,321	11,706	178	11,884
Experimental areas	1	27		27		27

See footnotes on next page.

TABLE 785.—*Number of fires, area burned over, and forest area on national forest lands, United States and Alaska; and on protected and unprotected forest areas on State and private lands, United States and Hawaii, 1929-49*

Year	National forest lands <sup>1</sup>			State and private forest lands <sup>2</sup>					
	Fires <sup>2</sup>	Area burned over	National forest area under Forest Service administration	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1929.....	6,221	978	159,738	44,076	4,876	-----	90,819	41,354	-----
1930.....	7,041	205	160,078	70,832	5,809	-----	120,148	46,457	-----
1931.....	6,984	640	160,775	56,448	5,854	-----	125,040	45,200	-----
1932.....	5,612	422	161,348	55,563	3,234	219,948	105,899	38,410	194,771
1933.....	5,243	160	161,997	48,754	3,342	219,058	87,435	40,167	193,187
1934.....	9,299	646	162,678	61,246	3,514	235,577	93,345	37,648	189,280
1935.....	9,349	242	163,297	54,580	2,311	240,827	77,743	27,796	184,718
1936.....	14,868	437	165,965	73,706	3,792	250,454	141,432	38,990	175,003
1937.....	10,402	103	174,381	54,292	1,254	256,248	121,449	20,637	161,949
1938.....	11,628	219	175,213	76,323	2,623	267,415	146,030	30,876	144,374
1939.....	13,797	356	176,469	85,657	3,266	276,362	114,638	26,660	148,812
1940.....	14,744	318	176,753	73,518	2,930	279,149	107,824	22,432	146,749
1941.....	10,338	251	177,626	80,983	3,137	279,517	108,706	22,830	143,743
1942.....	10,580	498	178,313	75,843	3,863	288,371	122,428	27,415	136,687
1943.....	10,617	320	178,477	78,815	3,860	299,334	121,619	27,715	131,275
1944.....	9,720	284	179,069	56,148	2,301	301,228	66,096	13,873	129,919
1945.....	8,851	231	179,349	48,176	2,456	302,942	68,013	14,780	126,959
1946.....	10,661	197	179,695	66,103	2,253	318,505	96,505	18,117	120,489
1947.....	9,967	254	180,232	71,442	2,814	327,968	120,429	20,093	111,026
1948.....	7,607	177	180,334	61,095	1,962	339,463	106,413	14,283	99,531
1949.....	10,429	191	180,754	78,649	2,320	357,168	105,533	12,760	81,826

<sup>1</sup> Including Alaska.<sup>2</sup> Fires originating on protected land inside national forest boundaries.<sup>3</sup> Excluding Alaska. Data reported to the Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. The figures are as complete as could be compiled from the reports.

Forest Service.

## FOOTNOTES FOR TABLE 784:

<sup>1</sup> Definition of units:

**National forests:**—Areas established as national forests by Act of Congress or Presidential proclamation. Acreages shown as under Forest Service administration include small administrative sites outside of proclaimed boundaries, and those portions of land-utilization projects and other areas over which the Forest Service has supervision located within the national forest boundaries. Land-utilization and other areas located outside the national forests and under Forest Service supervision are not included, such areas being listed under the classification "Land-utilization and other areas."

**Purchase units:**—Areas established by the Secretary of Agriculture with the concurrence of the National Forest Reservation Commission but not formalized by Act of Congress or Presidential Proclamation. Acreages shown under Forest Service administration include all administrative sites outside the established boundaries, and those portions of the land-utilization projects and other areas, over which the Forest Service has supervision located within the established purchase unit boundaries. Land-utilization and other areas located outside the boundaries and under Forest Service supervision are not included, such areas being listed under the classification "Land-utilization and other areas."

**Experimental areas:**—Areas outside of the exterior boundaries of national forests or purchase units which have been reserved and dedicated to forest or range research and experimentation by Executive Order or other authorized administrative action. Massabesic Experimental Forest in Maine and the McNeill Division of the Harrison Experimental Forest in Mississippi, which have both purchase-unit and experimental-area status, are only included in the experimental-area summaries.

**Land-utilization and other areas:** Lands acquired by the United States in pursuance of certain national programs of land utilization and adjustment, which by Order of the Secretary of Agriculture have been placed under the administration of the Forest Service but have not yet been given a national forest status. The portions of these project lands located within the established national forest or purchase unit boundaries, are included as part of the national forest or purchase unit acreage. The Fort Bayard Reservation, New Mexico, was placed under the administration of the Forest Service by the Federal Works Agency.

<sup>2</sup> Does not include lands within certain State forests in Michigan which have been acquired by the United States with intent to exchange them for State lands within the national forests.

<sup>3</sup> Exclusive of the area at the Beltsville Research Center of the Department of Agriculture, assigned to the Forest Service for use as an experimental area.

Forest Service.

TABLE 786.—*Expenditures for forest fire protection on State and private forest lands, by States and Hawaii, year beginning July 1, 1948*

State or territory	Expenditures			
	Federal participation <sup>1</sup>	State and county	Private agencies	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama.....	350,957	547,886	78,358	977,201
Arkansas.....	249,929	473,266	82,109	805,304
California.....	1,373,039	4,750,192	—	6,123,231
Colorado.....	20,844	23,314	23,107	67,265
Connecticut.....	47,335	84,508	1,216	133,059
Delaware.....	5,146	10,639	—	15,785
Florida.....	500,595	346,605	413,678	1,260,878
Georgia.....	226,627	433,533	19,952	680,112
Hawaii.....	3,642	5,673	—	9,315
Idaho.....	135,569	59,682	182,593	377,844
Illinois.....	19,999	33,513	—	53,512
Indiana.....	62,242	78,770	—	141,012
Iowa.....	10,524	11,618	—	22,142
Kentucky.....	88,343	128,725	—	217,068
Louisiana.....	210,492	642,589	7,610	860,691
Maine.....	137,848	495,024	—	632,872
Maryland.....	106,907	210,656	—	317,563
Massachusetts.....	96,034	181,325	—	277,359
Michigan.....	464,129	1,014,191	—	1,478,320
Minnesota.....	288,963	708,246	—	997,209
Mississippi.....	228,276	530,910	—	759,186
Missouri.....	202,389	371,659	—	574,048
Montana.....	82,393	21,123	103,407	206,923
Nevada.....	10,032	18,220	—	28,252
New Hampshire.....	62,688	101,176	48,029	211,893
New Jersey.....	104,922	259,492	—	364,414
New Mexico.....	10,615	5,482	9,547	25,644
New York.....	214,939	666,027	—	880,966
North Carolina.....	260,568	450,368	20,036	730,972
Ohio.....	60,691	117,233	—	177,924
Oklahoma.....	52,939	37,260	19,562	109,761
Oregon.....	761,469	653,422	629,512	2,044,403
Pennsylvania.....	214,530	482,535	—	697,065
Rhode Island.....	28,868	44,253	—	73,121
South Carolina.....	344,291	496,148	—	840,439
South Dakota.....	7,000	17,807	—	24,807
Tennessee.....	110,700	136,315	8,190	255,205
Texas.....	162,069	193,148	143,082	498,299
Utah.....	21,563	35,267	—	56,830
Vermont.....	19,596	57,163	4,347	81,106
Virginia.....	170,444	394,568	1,811	566,823
Washington.....	606,346	931,715	296,849	1,834,910
West Virginia.....	175,766	245,063	8,953	429,782
Wisconsin.....	260,335	694,610	—	954,945
Totals.....	8,572,593	17,200,919	2,101,948	27,875,460

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924.

Forest Service.

TABLE 787.—*Expenditures for forest fire protection on State and private forest lands, United States and Hawaii, years beginning July 1, 1928-48*

Year beginning July 1	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total	Year beginning July 1	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1928-----	1,146	2,120	923	4,189	1939-----	2,155	5,155	2,045	9,355
1929-----	1,327	2,886	1,232	5,445	1940-----	2,147	5,087	2,212	9,446
1930-----	1,620	3,910	1,101	6,631	1941-----	2,700	6,272	2,193	11,165
1931-----	1,654	3,276	1,094	6,024	1942-----	4,624	6,722	2,406	13,752
1932-----	1,528	2,493	649	4,670	1943-----	5,870	6,351	1,739	13,960
1933-----	1,534	2,966	1,196	5,329	1944-----	5,925	6,562	2,114	14,601
1934-----	1,533	2,936	1,123	5,365	1945-----	7,012	7,498	2,389	16,899
1935-----	1,529	2,671	1,228	5,323	1946-----	7,889	9,478	2,236	19,603
1936-----	1,604	4,152	1,433	7,061	1947-----	8,605	12,831	2,064	23,500
1937-----	1,604	4,014	1,433	7,061	1948-----	8,573	17,201	2,102	27,876
1938-----	1,958	4,725	1,892	8,575					

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs. Forest Service.

TABLE 788.—*Volume and value of timber cut on national forests and value of all forest products, United States, years beginning July 1, 1928-48*

Year beginning July 1	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value, including free-use timber	Year beginning July 1	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value, including free-use timber
	Volume	Value				Volume	Value		
	Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars		Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars
1928-----	1,497	4,328	31	4,456	1939-----	1,740	4,807	57	5,168
1929-----	1,653	4,790	23	4,930	1940-----	2,067	5,762	62	6,084
1930-----	1,222	3,348	17	3,527	1941-----	2,205	6,109	79	6,429
1931-----	612	1,519	21	1,767	1942-----	2,359	8,672	60	8,907
1932-----	474	1,077	19	1,333	1943-----	3,333	14,155	150	14,617
1933-----	675	1,609	26	1,845	1944-----	3,145	13,016	104	13,291
1934-----	752	1,938	41	2,260	1945-----	2,730	11,490	150	11,811
1935-----	1,021	2,590	30	2,892	1946-----	3,635	16,400	183	16,780
1936-----	1,291	3,189	39	3,505	1947-----	3,759	21,054	145	21,389
1937-----	1,288	3,209	52	3,539	1948-----	3,741	28,749	224	29,163
1938-----	1,291	3,375	52	3,687					

<sup>1</sup> Commercial and cost sales and land exchange.

<sup>2</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish Moss, etc.

Forest Service. Data for 1904-27 in Agricultural Statistics, 1944, table 631.

TABLE 789.—*Farm forestry accomplishments and expenditures under the Norris-Doxey law, by States, year beginning July 1, 1948, and totals for earlier years*<sup>1</sup>

State	Accomplishments				Expenditures		
	Farmers Assisted	Woodland involved	Products harvested	Gross Sale value	Federal	State	Total
	<i>Number</i>	<i>Acres</i>	<i>M b.l. ft.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama.....	1,084	230,616	79,783	1,534,610	22,661	25,528	48,189
Arkansas.....	108	7,857	1,244	18,843	2,220	2,392	4,612
California.....	206	40,091	25,258	110,960	8,000	23,792	31,792
Colorado.....	18	5,840	622	6,188	4,296		4,296
Connecticut.....	417	25,641	5,989	104,501	9,600	11,585	21,185
Delaware.....	26	686	16	250	834	834	1,668
Florida.....	693	239,676	28,381	379,542	15,832	24,375	40,207
Georgia.....	129	26,572	3,302	56,304	4,157	4,157	8,314
Idaho.....	81	8,027	565	22,750	5,255	5,255	10,510
Illinois.....	659	25,836	5,726	146,830	18,067	33,984	52,051
Indiana.....	473	9,933	1,103	37,908	6,979	15,636	22,615
Iowa.....	173	6,582	3,228	32,805	4,762	13,179	17,941
Kansas.....	66	1,450	513	8,690			
Kentucky.....	262	12,697	4,423	83,842	10,101	10,236	20,337
Louisiana.....	389	38,716	5,064	75,254	6,626	7,244	13,870
Maine.....	134	18,500	8,490	123,680	2,413	2,413	4,826
Maryland.....	811	74,451	16,789	285,146	17,500	21,399	38,899
Massachusetts.....	149	10,708	19,686	196,090	4,979	4,979	9,958
Michigan.....	814	19,301	9,197	250,706	14,292	29,989	44,281
Minnesota.....	223	7,973	1,475	61,271	6,326	8,363	14,689
Mississippi.....	495	27,482	9,358	196,975	10,248	11,083	21,331
Missouri.....	493	71,655	13,021	253,698	14,761	21,284	36,045
Nebraska.....	75	919	917	22,090	5,892		5,892
New Hampshire.....	757	68,838	18,256	288,297	17,200	19,918	37,118
New Jersey.....	360	19,711	2,943	81,465	5,720	12,113	17,833
New York.....	2,517	274,809	19,336	396,224	17,000	26,446	43,446
North Carolina.....	415	53,081	9,860	196,373	17,083	18,662	35,745
North Dakota.....	31	4,884	285	15,350	2,070	2,220	4,290
Ohio.....	395	15,739	3,775	82,319	8,435	9,769	18,204
Oklahoma.....	153	42,602	1,910	17,572	2,785	3,012	5,797
Oregon.....	321	16,416	40,004	528,470	7,000	12,352	19,352
South Carolina.....	61	8,785	2,770	54,615	1,929	1,969	3,898
Tennessee.....	338	27,014	7,517	150,095	9,071	9,572	18,643
Texas.....	297	51,549	3,976	104,294	4,748	7,588	12,336
Vermont.....	886	66,193	18,428	372,526	19,500	41,641	61,141
Virginia.....	1,595	173,028	36,705	674,254	23,000	89,306	112,306
Washington.....	450	11,549	16,887	305,763	6,921	6,921	13,842
West Virginia.....	70	2,642	328	4,407	7,843	7,843	15,686
Wisconsin.....	516	21,191	10,773	420,908	3,011	26,843	29,854
Total.....	17,140	1,769,240	437,903	7,721,865	349,117	573,882	922,999
Total for year beginning July 1:							
1939.....	}				4,793	8,284	13,077
1940.....		165	49,416	2,667	15,342	17,120	32,462
1941.....		224	92,442	10,076	18,171	19,579	37,750
1942.....		3,242	359,388	75,600	1,043,878	111,559	212,635
1943.....	}	8,842	742,697	323,557	3,962,784	187,316	212,209
1944.....		5,093	831,347	411,330	4,476,354	199,995	230,865
1945.....		12,083	1,321,746	452,367	6,092,499	315,441	369,065
1946.....		13,531	1,576,888	502,312	7,805,105	344,720	449,626
1947.....		14,220	1,399,971	503,641	353,179	467,129	820,308

<sup>1</sup> The Norris-Doxey law was enacted May 18, 1937. Total of 179 projects in year beginning July 1, 1948.

<sup>2</sup> Norris-Doxey projects discontinued in this State, but the work continued temporarily with private forestry cooperation funds.

Forest Service.

TABLE 790.—Number of livestock permitted to graze on the national forests under paid permit by calendar years, and grazing receipts for year beginning July 1, United States, 1929-49<sup>1</sup>

Year	Cattle	Horses	Swine	Sheep	Goats	Receipts from grazing, year beginning July 1
	Number	Number	Number	Number	Number	Dollars
1929.....	1,322,465	48,171	853	6,650,719	15,487	1,942,914
1930.....	1,315,882	41,961	540	6,700,846	13,496	1,980,642
1931.....	1,338,373	37,335	431	6,593,883	14,645	1,829,960
1932.....	1,361,160	35,105	528	6,308,500	12,438	1,498,209
1933.....	1,366,538	31,797	533	6,150,921	11,045	1,358,688
1934.....	1,389,387	29,549	314	6,152,244	9,124	1,151,150
1935.....	1,315,233	29,085	292	5,681,938	9,148	1,441,493
1936.....	1,282,540	28,268	159	5,636,937	8,113	1,580,345
1937.....	1,254,425	29,499	241	5,477,351	7,603	1,696,457
1938.....	1,220,532	29,543	126	5,300,140	7,160	1,673,912
1939.....	1,180,971	27,897	220	5,125,642	5,965	1,463,127
1940.....	1,147,539	29,452	184	4,943,131	6,065	1,429,091
1941.....	1,175,749		108	4,787,369		1,595,126
1942.....	1,191,218			4,758,038		1,973,233
1943.....	1,211,568		572	4,538,660		2,458,946
1944.....	1,225,254		256	4,280,370		2,158,626
1945.....	1,206,227		105	3,888,839		2,059,676
1946.....	1,203,201		139	3,712,981		2,293,773
1947.....	1,246,626			3,402,667		2,898,037
1948.....	1,225,942			3,321,993		3,275,964
1949.....	1,125,939		186	3,092,229		

<sup>1</sup> Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

Forest Service. Data for 1905-28 in the Yearbook of Agriculture, 1935, table 509.

TABLE 791.—Number of livestock permitted on national forests under paid permit, 1949, and grazing receipts for year beginning July 1, 1948, by States

State	Livestock under pay-permit <sup>1</sup>		Receipts from grazing, year beginning July 1 <sup>2</sup>	State	Livestock under pay-permit <sup>1</sup>		Receipts from grazing, year beginning July 1 <sup>2</sup>
	Cattle and horses	Sheep and goats			Cattle and horses	Sheep and goats	
	Number	Number	1,000 dollars		Number	Number	1,000 dollars
Alabama.....	20			New Mexico.....	76,529	107,431	213
Arizona.....	133,514	86,098	408	North Carolina.....	78		( <sup>3</sup> )
Arkansas.....	2,304		1	Ohio.....	167		( <sup>3</sup> )
California.....	113,731	128,207	282	Oklahoma.....	30		( <sup>3</sup> )
Colorado.....	165,319	622,839	532	Oregon.....	70,246	165,030	205
Florida.....	1,802		1	Pennsylvania.....	43		
Idaho.....	108,823	620,537	366	South Carolina.....	425		( <sup>3</sup> )
Illinois.....	1,051			South Dakota.....	25,513	14,845	49
Indiana.....	55			Tennessee.....	111		( <sup>3</sup> )
Iowa.....	282			Texas.....	1,356		1
Louisiana.....	304		( <sup>3</sup> )	Utah.....	108,272	488,919	357
Michigan.....	1,662	295	1	Vermont.....	83		( <sup>3</sup> )
Minnesota.....	650	69	( <sup>3</sup> )	Virginia.....	225	57	( <sup>3</sup> )
Mississippi.....	1,200		( <sup>3</sup> )	Washington.....	20,035	39,443	55
Missouri.....	3,169	37	5	West Virginia.....	1,248	1,339	4
Montana.....	114,555	269,367	329	Wisconsin.....	406		( <sup>3</sup> )
Nebraska.....	12,518		48	Wyoming.....	105,356	408,359	282
Nevada.....	54,557	139,357	134	Total.....	1,125,639	3,092,229	3,276

<sup>1</sup> Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

<sup>2</sup> Includes grazing trespass.

<sup>3</sup> Less than \$500.

Forest Service.



TABLE 792.—Receipts from national forests, United States and territories, years beginning July 1, 1928-48

Year beginning July 1	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total	Year beginning July 1	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1928.....	4,108,595	1,740,290	450,917	6,299,802	1939.....	3,943,022	1,463,127	453,035	5,859,184
1929.....	4,389,893	1,942,914	418,746	6,751,553	1940.....	4,789,024	1,429,091	463,710	6,681,825
1930.....	2,607,618	1,960,642	425,060	4,993,320	1941.....	5,094,241	1,595,126	475,523	7,164,890
1931.....	1,049,108	829,960	415,180	2,294,248	1942.....	7,610,088	1,973,233	473,071	10,056,392
1932.....	782,808	1,498,209	345,032	2,626,049	1943.....	12,622,949	2,458,946	535,045	15,616,940
1933.....	1,522,356	1,368,688	433,647	3,314,691	1944.....	11,586,908	2,158,626	2,302,401	16,047,935
1934.....	1,729,037	1,161,163	408,410	3,288,600	1945.....	10,554,312	2,059,676	1,261,083	13,875,071
1935.....	2,203,237	1,441,493	418,233	4,062,963	1946.....	15,420,902	2,293,773	658,124	18,372,799
1936.....	2,924,471	1,580,346	431,367	4,936,183	1947.....	20,594,286	2,898,315	743,830	24,236,431
1937.....	2,517,659	1,696,457	457,018	4,671,134	1948.....	26,926,449	3,275,964	872,908	31,075,321
1938.....	2,857,211	1,573,912	472,254	4,903,377					

Forest Service. Data for 1904-27 in Agricultural Statistics, 1944, table 636.

TABLE 793.—Payments<sup>1</sup> to States and territories from receipts of the preceding year from sales of timber, grazing fees, and miscellaneous uses of national forests, years beginning July 1, 1946-48

State or territory	1946	1947	1948	State or territory	1946	1947	1948
	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars
Alabama.....	29,449	33,577	66,175	New Hampshire.....	28,173	19,218	24,581
Alaska.....	13,923	37,197	11,063	New Mexico.....	76,008	107,745	112,436
Arizona.....	157,146	196,449	228,687	North Carolina.....	46,597	53,006	60,697
Arkansas.....	145,276	160,294	277,960	North Dakota.....	35	32	31
California.....	414,466	474,414	560,924	Ohio.....	7,215	1,970	2,585
Colorado.....	146,749	182,501	215,119	Oklahoma.....	11,597	10,994	25,529
Florida.....	45,632	52,272	60,452	Oregon.....	559,280	938,871	1,669,629
Georgia.....	34,108	56,154	63,194	Pennsylvania.....	24,171	25,960	20,896
Idaho.....	209,827	304,131	327,783	Puerto Rico.....	6,458	4,215	4,007
Illinois.....	9,237	9,107	12,482	South Carolina.....	42,951	66,399	87,740
Indiana.....	621	1,100	1,172	South Dakota.....	47,322	72,357	70,768
Iowa.....	376	369	464	Tennessee.....	34,172	30,988	20,306
Kentucky.....	27,380	23,274	29,565	Texas.....	109,929	102,837	103,403
Louisiana.....	39,270	42,789	77,820	Utah.....	63,372	91,787	102,297
Maine.....	1,920	1,343	7,185	Vermont.....	14,934	26,415	29,845
Michigan.....	56,258	61,739	92,528	Virginia.....	30,269	35,067	40,960
Minnesota.....	60,371	78,306	77,236	Washington.....	398,089	737,852	834,720
Mississippi.....	229,869	102,605	201,832	West Virginia.....	22,550	27,766	25,467
Missouri.....	15,049	14,732	13,962	Wisconsin.....	27,679	32,636	52,999
Montana.....	134,726	195,761	207,060	Wyoming.....	74,065	101,339	117,074
Nebraska.....	5,344	5,822	10,453				
Nevada.....	22,567	25,331	34,298	Total.....	3,424,430	4,546,724	5,983,374

<sup>1</sup> Payments are 25 percent of the receipts of the preceding fiscal year from national forests, under Act of May 23, 1908.

Forest Service.

TABLE 794.—*Estimated number and kill of big game animals, number of hunter-fisherman users, and extent of fishing waters on the national forests, by States and Alaska, year beginning July 1, 1948, and totals for earlier years*

State or territory	Big game <sup>1</sup>		Big game killed by hunters		Hunter-fisherman users	Fishing stream-	Fishing lakes
	Deer	Others <sup>2</sup>	Deer	Others <sup>3</sup>			
	Number	Number	Number	Number	Number	Miles	Acres
Alabama.....	3,300		140		26,000	546	350
Alaska.....	33,000	24,000	3,300	1,000	16,000	1,026	181,298
Arizona.....	69,000	27,000	5,200	1,700	133,000	731	37,506
Arkansas.....	16,000	10	840		59,000	1,169	1,516
California.....	434,000	21,000	28,000	1,000	871,000	12,173	130,703
Colorado.....	211,000	48,000	46,000	10,000	333,000	8,304	27,573
Florida.....	7,000	300	880	20	73,000	515	22,752
Georgia.....	8,000	70	550		32,000	886	8,430
Idaho.....	146,000	65,000	19,000	7,000	279,000	10,352	151,115
Illinois.....	280				20,000	370	931
Indiana.....	1,600				16,000	220	18
Kentucky.....	150	10			18,000	308	
Louisiana.....	1,000	10	210		18,000	175	5,053
Maine.....	800	40	300	10	1,600	21	8
Michigan.....	167,000	4,000	24,000	350	286,000	3,095	96,849
Minnesota.....	62,000	5,000	9,200	800	189,000	2,070	616,254
Mississippi.....	5,000	15	300		43,000	489	596
Missouri.....	13,000		280		82,000	992	7,101
Montana.....	123,000	50,000	10,000	8,000	272,000	8,450	56,008
Nebraska.....	330						
Nevada.....	59,000	1,000	5,200	100	27,000	1,061	215
New Hampshire.....	1,600	400	230	50	8,200	630	861
New Mexico.....	60,000	6,000	5,600	300	83,000	524	270
North Carolina.....	11,000	1,000	1,000	200	60,000	1,920	24,486
Ohio.....	450				34,000	139	340
Oklahoma.....	400	10	80		6,600	350	80
Oregon.....	161,000	26,000	22,000	4,000	394,000	6,325	53,907
Pennsylvania.....	16,000	350	4,000	40	200,000	524	320
South Carolina.....	2,900	20	610	610	16,000	630	80
South Dakota.....	61,000	3,000	12,000	90	67,000	685	1,134
Tennessee.....	4,200	800	150	20	33,000	316	1,627
Texas.....	5,600		800		14,000	359	208
Utah.....	174,000	5,000	44,000	950	164,000	2,472	18,790
Vermont.....	6,000	500	350	30	14,000	222	1,419
Virginia.....	23,000	1,000	1,700	130	114,000	640	112
Washington.....	84,000	32,000	7,700	4,500	337,000	4,924	93,538
West Virginia.....	19,000	1,000	680	320	110,000	1,920	
Wisconsin.....	97,000	1,000	5,300	220	130,000	1,561	60,488
Wyoming.....	45,000	41,000	11,000	7,000	124,000	4,279	46,414
Total.....	2,130,000	360,000	270,000	48,000	4,690,000	81,373	1,648,350
Year beginning July 1:							
1947.....	2,120,000	350,000	238,000	41,000	5,000,000	<sup>3</sup> 74,653	<sup>3</sup> 1,429,214
1946.....	2,069,000	333,000	233,000	42,000	4,650,000	<sup>3</sup> 74,653	<sup>3</sup> 1,429,214
1945.....	2,033,000	327,000	222,000	43,000	4,075,000	<sup>3</sup> 74,653	<sup>3</sup> 1,429,214
1944.....	1,995,000	331,000	181,000	32,000	2,939,000	<sup>3</sup> 74,753	<sup>3</sup> 1,429,214
1943.....	1,982,000	317,000	158,000	27,000	2,290,000	<sup>3</sup> 74,753	<sup>3</sup> 1,429,214
1942.....	1,939,000	322,000	193,000	35,000	2,277,000	<sup>3</sup> 74,753	<sup>3</sup> 1,429,214
1941.....	2,015,000	311,000	198,000	38,000	2,629,000	<sup>3</sup> 74,653	<sup>3</sup> 1,429,214
1940.....	1,916,000	300,000	190,000	26,000	3,540,000	<sup>3</sup> 74,653	<sup>3</sup> 1,429,214

<sup>1</sup> Inventory numbers as of June 30 (the end of the 12-month period).<sup>2</sup> Includes antelope, bear, elk, moose, mountain goat, bighorn, peccary, and wild boars.<sup>3</sup> Does not include Alaska.

Forest Service.

TABLE 795.—Lumber production in the 12 Western States and Alaska, 1948

State and region	Softwoods								
	Cedar <sup>1</sup>	Douglas fir	Hemlock	Larch	Pine				Redwood
					Idaho white	Lodgepole	Ponderosa	Sugar	
	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>
Oregon.....	22,270	<sup>2</sup> 5,977,447	241,003	-----	1,304	45	1,330,171	78,080	-----
Washington.....	168,612	<sup>3</sup> 2,430,361	540,426	-----	31,717	60	357,279	-----	-----
Pacific North.....	190,882	8,407,808	781,431	-----	33,021	105	1,687,450	78,080	-----
Nevada.....	-----	89	-----	-----	-----	21	4,648	-----	-----
California.....	69,640	925,440	-----	-----	510	80	1,458,120	236,930	<sup>4</sup> 793,250
Pacific South.....	69,640	925,529	-----	-----	510	101	1,462,768	236,930	793,250
Idaho.....	17,888	214,501	1,807	88,250	225,102	5,176	417,081	-----	-----
Montana.....	1,068	210,896	196	129,259	13,464	2,619	223,569	-----	-----
Rocky Mountain North.....	18,956	425,397	2,003	217,509	238,566	7,795	640,650	-----	-----
Arizona.....	-----	6,044	-----	-----	-----	-----	237,526	-----	-----
Colorado.....	-----	4,044	-----	-----	-----	53,607	45,565	-----	-----
New Mexico.....	-----	17,601	-----	-----	-----	-----	99,656	-----	-----
South Dakota.....	-----	-----	-----	-----	-----	-----	35,295	-----	-----
Utah.....	-----	4,197	-----	-----	-----	9,793	17,087	-----	-----
Wyoming.....	-----	3,117	-----	-----	-----	24,095	17,043	-----	-----
Rocky Mountain South.....	-----	35,003	-----	-----	-----	87,495	452,172	-----	-----
Western United States..	279,478	9,793,737	783,434	217,509	272,097	95,496	4,243,040	315,010	793,250
Alaska.....	1,008	-----	12,432	-----	-----	-----	-----	-----	-----

State and region	Softwoods <sup>2</sup>					Hardwoods	Total all species	Active mills
	Spruce		White fir <sup>3</sup>	Other softwoods	Total softwoods			
	Engelmann	Sitka						
	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>M bd. ft.</i>	<i>Number</i>
Oregon.....	-----	30,535	140,435	-----	7,821,292	<sup>6</sup> 21,110	7,842,402	1,404
Washington.....	-----	82,111	24,981	-----	3,635,547	23,976	3,659,523	604
Pacific North.....	-----	112,646	165,416	-----	11,456,839	45,086	11,501,925	2,008
Nevada.....	58	2,228	-----	580	7,624	5	7,629	13
California.....	7,480	471,260	-----	-----	3,962,710	200	3,962,910	971
Pacific South.....	58	473,488	-----	580	3,970,334	205	3,970,539	984
Idaho.....	17,857	-----	115,875	55	1,103,592	57	1,103,649	413
Montana.....	16,705	-----	106	2	597,884	60	597,944	434
Rocky Mountain North.....	34,562	-----	115,981	57	1,701,476	117	1,701,593	847
Arizona.....	1,500	-----	2,330	-----	247,400	-----	247,400	50
Colorado.....	47,160	-----	-----	1,915	152,291	412	152,703	456
New Mexico.....	1,486	-----	5,865	-----	124,608	-----	124,608	120
South Dakota.....	-----	-----	-----	85	35,380	710	36,090	53
Utah.....	11,753	-----	1,542	113	44,485	628	45,113	170
Wyoming.....	13,303	-----	-----	383	57,941	57	57,998	194
Rocky Mountain South.....	75,202	-----	9,737	2,496	662,105	1,807	663,912	1,043
Western United States..	109,822	120,126	764,622	3,133	17,790,754	47,215	17,837,969	4,882
Alaska.....	-----	43,976	-----	765	58,181	-----	58,181	55

<sup>1</sup> Western red cedar in Washington, Idaho, and Montana; 68,960 M feet incense cedar and 680 M feet Port Orford cedar in California. Incense and western red cedar in Oregon.

<sup>2</sup> Includes western larch in eastern Oregon.

<sup>3</sup> Includes western larch in eastern Washington.

<sup>4</sup> Includes 130 M feet of "big tree."

<sup>5</sup> Includes noble, red, and silver fir.

<sup>6</sup> Includes Port Orford cedar.

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TABLE 796.—*Lumber production and average prices, <sup>1</sup> United States, 1929-47*

Year	Total		Softwoods		Hardwoods	
	Quantity	Average price	Quantity	Average price	Quantity	Average price
	<i>M bd. ft.</i>	<i>Dollars</i>	<i>M bd. ft.</i>	<i>Dollars</i>	<i>M bd. ft.</i>	<i>Dollars</i>
1929	38,745,275	26.94	30,836,328	24.31	7,908,947	38.04
1930	29,358,021	22.81	23,228,096	20.88	6,129,925	31.49
1931	19,997,432	18.56	15,886,696	16.74	4,110,736	28.00
1932	13,523,742	15.12	10,801,823	13.94	2,721,919	22.45
1933	17,150,575	18.55	13,785,975	16.84	3,364,600	27.81
1934	18,826,306	21.47	14,617,862	20.05	4,208,444	28.01
1935	22,943,833	20.43	18,195,665	19.08	4,748,168	27.09
1936	27,626,440	22.20	22,025,168	21.03	5,601,272	27.92
1937	29,003,953	24.25	23,148,214	22.97	5,855,739	30.49
1938	24,825,497	21.45	19,964,881	20.42	4,870,616	27.09
1939	28,754,615	21.97	23,290,698	20.97	5,463,917	27.66
1940	31,159,126	23.32	25,622,110	22.48	5,537,016	28.47
1941	36,537,629	28.09	29,866,602	27.26	6,671,027	32.34
1942	36,332,248	31.50	29,510,184	30.73	6,822,064	34.87
1943	34,288,757	36.86	26,917,342	35.57	7,371,415	41.57
1944	32,937,649	( <sup>2</sup> )	25,159,695	( <sup>2</sup> )	7,777,954	( <sup>2</sup> )
1945	28,122,344	( <sup>2</sup> )	21,139,872	( <sup>2</sup> )	6,982,472	( <sup>2</sup> )
1946	34,112,357	( <sup>2</sup> )	25,865,584	( <sup>2</sup> )	8,255,773	( <sup>2</sup> )
1947	35,404,212	( <sup>2</sup> )	27,937,398	( <sup>2</sup> )	7,466,814	( <sup>2</sup> )

<sup>1</sup> Per M board feet, f.o.b. mill.<sup>2</sup> Data not available.

Forest Service. Quantities: 1929-41 are Forest Service estimates; 1942-47 from Bureau of the Census publications. Prices: all years from Bureau of the Census publications. The 1948 data for Eastern States are not available. See 1948 data for Western States and Alaska in Table 795. Data for 1799-1928 in Agricultural Statistics, 1947, table 758.

TABLE 797.—*Pulpwood consumption, wood-pulp production, and paper and paper-board production and consumption, United States, 1929-49*

Year	Pulpwood consumption	Wood-pulp production	Paper and paperboard		
			Production	Estimated total consumption or new supply <sup>1</sup>	Per capita consumption
	<i>Cords <sup>2</sup></i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Pounds</i>
1929	7,645,011	4,862,885	11,140,235	13,414,033	220.2
1930	7,195,524	4,630,308	10,169,140	12,309,279	200.4
1931	6,722,766	4,409,344	9,381,840	11,340,686	182.8
1932	5,633,123	3,760,267	7,997,872	9,717,581	155.6
1933	6,581,674	4,276,204	9,190,017	10,901,526	173.6
1934	6,796,659	4,436,128	9,186,598	11,283,351	178.4
1935	7,628,274	4,925,669	10,479,095	12,650,357	198.8
1936	8,715,916	5,695,219	11,975,552	14,643,735	228.6
1937	10,393,800	6,572,918	12,837,003	16,027,993	248.8
1938	9,193,991	5,933,560	11,380,814	13,525,739	208.2
1939	10,816,466	6,993,334	13,509,642	15,948,557	243.6
1940	13,742,958	8,959,559	14,483,709	16,747,980	254.2
1941	16,579,000	10,375,422	17,762,365	20,421,466	306.6
1942	17,275,000	10,783,430	17,083,862	19,779,838	293.6
1943	15,000,000	9,680,462	17,035,688	19,436,384	284.8
1944	16,123,000	10,108,443	17,182,804	19,445,164	285.8
1945	16,154,000	10,167,200	17,370,965	19,665,487	281.6
1946	17,817,660	10,606,527	19,277,667	22,509,788	319.3
1947	19,714,229	11,945,864	21,114,000	24,878,179	347.0
1948	21,189,458	12,872,292	21,921,757	26,201,083	358.6
1949 <sup>3</sup>	19,880,794	12,137,188	20,304,243	24,751,926	332.9

<sup>1</sup> Production, plus imports and minus exports. Changes in inventories not taken into account.<sup>2</sup> 128 cubic feet.<sup>3</sup> Preliminary.

Forest Service. Compiled from Bureau of the Census and Forest Service bulletins, and from reports of the Forest Products Bureau, War Production Board. Also from "Wood Pulp Statistics," United States Pulp Producers Association, July 1943, and "The Statistics of Paper," American Paper and Pulp Association, July 1946, and "The Statistics of Paper," American Paper and Pulp Association, March 1947.

Data for 1899-1928 in Agricultural Statistics, 1947, table 760.

TABLE 798.—*Turpentine and rosin: Reported industrial consumption, United States, average 1935-39, annual 1947-49*

Industry	Turpentine				Rosin			
	Average, crop years 1935-39	Crop year beginning Apr. 1—			Average, crop years 1935-39	Crop year beginning Apr. 1—		
		1947	1948	1949		1947	1948	1949
	Barrels <sup>1</sup>	Barrels <sup>1</sup>	Barrels <sup>1</sup>	Barrels <sup>1</sup>	Drums <sup>2</sup>	Drums <sup>2</sup>	Drums <sup>2</sup>	Drums <sup>2</sup>
Abattoirs.....	0	0	0	0	1,862	618	387	368
Adhesives and plastics.....	651	166	179	149	14,727	18,095	19,995	20,096
Asphaltic products.....	2	499	334	117	1,061	1,632	1,232	885
Automobiles and wagons.....	565	74	53	50	1,228	219	172	19
Chemicals and pharmaceuticals <sup>3</sup> .....	22,495	96,878	63,155	75,623	84,470	350,103	345,769	329,867
Ester gum and synthetic rosins.....	4	17,178	16,295	15,720	87,698	257,929	213,096	199,862
Foundries and foundry supplies.....	681	882	726	564	9,937	10,004	5,425	3,332
Furniture.....	608	153	160	112	35	6	4	4
Insecticides and disinfectants.....	481	25	17	35	3,632	3,338	2,490	2,314
Linoleum and floor covering.....	79	1	0	0	24,237	33,532	41,410	30,994
Oils and greases.....	75	25	48	17	23,225	13,193	16,449	15,683
Paint, varnish, and lacquer.....	57,815	15,048	13,584	12,141	113,917	112,890	110,489	93,360
Paper and paper size.....	0	0	0	0	285,136	347,162	354,941	365,740
Printing ink.....	270	154	160	156	11,001	7,530	6,326	5,492
Railroads and shipyards.....	4,468	4,910	5,314	4,438	509	4,653	6,499	7,980
Rubber.....	339	357	269	168	2,722	17,741	15,248	9,611
Shoe polish and shoe materials.....	11,089	4,143	3,507	3,039	7,472	5,166	4,144	4,382
Soap.....	109	0	0	0	210,974	144,090	94,293	74,041
Other industries.....	1,370	116	156	113	5,443	4,838	3,950	3,387
Total.....	101,101	140,609	103,957	112,442	889,286	1,332,739	1,242,319	1,167,417

<sup>1</sup> Barrels of 50 gallons.<sup>2</sup> Drums of 520 pounds net weight.<sup>3</sup> Beginning with the 1936 season, includes turpentine and rosin consumed in naval stores producers' plants in the production of unclassified derived products.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics.

TABLE 799.—*Gum naval stores: Market prices and value, 1940-49*

Crop year beginning April—	Weighted average market price at Savannah			Market value of production <sup>3</sup>		
	Turpentine, per gallon <sup>1</sup>	Rosin, per 100 lb., net	Per unit <sup>2</sup>	Turpentine	Rosin	Turpentine and rosin
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
1940.....	0.300	1.98	42.46	5,159	9,667	14,826
1941.....	.527	2.42	59.91	7,511	9,963	17,474
1942.....	.591	3.22	74.20	9,513	14,545	24,058
1943.....	.679	3.97	89.00	9,791	16,176	25,967
1944.....	.779	5.61	116.74	9,550	20,193	29,743
1945.....	.791	6.50	129.69	9,660	23,473	33,133
1946.....	.967	7.43	161.38	13,068	29,075	42,143
1947.....	.627	7.83	139.93	9,218	33,718	42,936
1948.....	.428	7.39	123.87	6,941	35,401	42,342
1949.....	.384	6.47	108.92	6,202	31,117	37,319

<sup>1</sup> Savannah market prices for turpentine include container through 1940 but are exclusive of container for 1941 and thereafter.<sup>2</sup> Unit: one barrel (50 gallons) of turpentine plus 2½ drums (520 pounds net each) of rosin.<sup>3</sup> Market value represents total production of gum naval stores for each crop year, multiplied by the weighted average market price at Savannah.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-39 in Agricultural Statistics, 1948, table 790.

TABLE 800.—*Turpentine: Supply and distribution, United States, 1940-49*  
SUPPLY

Crop year beginning April—	Stocks, Apr. 1			Production						Imports for con- sump- tion <sup>1</sup>	Total supply			
	Gum	Wood	Total	Gum	Wood			Total	Gum		Gum	Wood	Total	
					Steam distilled	Sulfate	Destruc- tively distilled			Total				
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	
1940.....	167,943	52,324	220,267	343,938	161,161	54,081	7,161	222,403	566,341	16,688	528,569	274,727	803,296	
1941.....	146,735	63,175	209,910	285,050	190,048	64,986	8,712	263,746	548,796	13,632	445,417	326,921	772,338	
1942.....	86,448	69,921	156,369	321,930	148,166	84,484	5,771	238,421	560,351	11,288	419,666	308,342	728,008	
1943.....	213,285	74,928	288,213	288,382	125,171	91,045	3,834	220,050	508,432	17,818	519,485	294,978	814,463	
1944.....	262,057	33,524	295,581	245,194	117,265	104,307	4,477	226,049	471,243	15,382	522,633	259,573	782,206	
1945.....	168,011	34,535	202,546	244,252	129,101	110,262	4,516	243,879	488,131	14,932	427,195	278,414	705,609	
1946.....	58,088	42,661	100,749	270,286	167,659	127,491	4,549	299,699	569,985	15,849	344,223	342,360	686,583	
1947.....	34,433	63,772	98,205	294,028	208,895	134,160	3,820	346,875	640,903	15,659	344,120	410,647	754,767	
1948.....	87,390	107,960	195,350	324,330	207,160	124,870	2,780	334,810	659,140	13,611	425,331	442,770	868,101	
1949.....	127,130	102,560	229,690	323,010	199,630	147,500	3,150	350,280	673,290	14,170	464,310	452,840	917,150	

## DISTRIBUTION

Crop year beginning April—	Exports <sup>1</sup>			Stocks, Mar. 31			Apparent consumption (disappearance) <sup>3</sup>			Reported industrial consumption <sup>4</sup>			Unaccounted for <sup>5</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>
1940.....	103,127	27,728	130,855	146,735	63,175	209,910	278,707	183,824	462,531	61,791	52,743	114,534	216,916	131,071	347,997
1941.....	79,447	33,523	112,970	86,448	69,921	156,369	279,522	223,477	502,999	87,580	58,749	146,329	191,942	164,728	356,670
1942.....	21,872	20,808	42,680	213,285	74,928	288,213	184,509	212,606	397,115	43,212	62,151	105,363	141,297	150,455	291,752
1943.....	26,812	19,072	45,884	262,057	33,524	295,581	230,616	242,382	472,998	31,282	156,097	187,379	199,334	86,285	285,619
1944.....	49,780	15,483	65,263	168,011	34,535	202,546	304,842	209,555	514,397	44,064	146,132	190,196	260,778	63,423	324,201
1945.....	67,111	25,334	92,445	58,088	42,661	100,749	301,996	210,419	512,415	33,580	130,510	164,090	268,416	79,909	348,325
1946.....	64,066	40,892	104,958	34,433	63,772	98,205	245,724	237,696	483,420	24,723	115,336	140,059	221,001	122,360	343,361
1947.....	56,386	37,258	93,644	87,390	107,960	195,350	200,344	265,429	465,773	16,279	124,330	140,609	184,065	141,099	325,164
1948.....	70,916	45,768	116,684	127,130	102,560	229,690	227,285	294,442	521,727	13,928	90,029	103,957	213,357	204,413	417,770
1949.....	99,270	56,284	155,554	124,660	81,300	205,960	240,380	315,256	555,636	11,991	100,451	112,442	228,389	214,805	443,194

<sup>1</sup> Reports of Department of Commerce.<sup>2</sup> Barrels of 50 gallons.<sup>3</sup> Total supply, less exports and Mar. 31 stocks.<sup>4</sup> Includes turpentine used in producers' plants in production of unclassified derived products.<sup>5</sup> Chiefly unreported retail sales.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-39 in Agricultural Statistics, 1947, table 767.

TABLE 801.—Rosin: Supply and distribution, United States, 1940-49

## SUPPLY

Crop year beginning April—	Stocks, Apr. 1			Production					Imports <sup>1</sup>	Total supply		
	Gum	Wood	Total	Gum			Wood	Total	Gum	Gum	Wood	Total
				New	Re-claimed	Total	Steam distilled					
	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>
1940	1,127,719	127,798	1,255,517	918,730	20,181	938,911	778,581	1,717,492	1,788	2,068,419	906,378	2,974,797
1941	1,322,588	176,740	1,499,328	771,945	19,765	791,710	916,784	1,708,474	1,651	2,115,949	1,093,504	3,209,453
1942	984,654	163,088	1,147,742	857,401	11,297	868,698	787,105	1,655,803	1,211	1,854,563	950,193	2,804,756
1943	1,059,837	224,392	1,284,229	773,741	9,824	783,565	679,266	1,462,831	4,340	1,847,742	903,658	2,751,400
1944	648,206	146,580	794,786	684,146	8,066	692,212	625,700	1,317,912	17,238	1,357,656	772,280	2,129,936
1945	265,881	122,385	388,266	685,938	8,538	694,476	757,560	1,452,036	9,795	970,152	879,945	1,850,097
1946	237,604	138,394	375,998	744,086	8,449	752,535	967,713	1,720,248	192	990,231	1,106,107	2,096,338
1947	127,284	95,417	222,701	823,783	4,345	828,128	1,162,703	1,990,831	282	955,694	1,258,120	2,213,814
1948	162,090	115,890	277,980	916,990	4,230	921,220	1,154,890	2,076,110	1,071	1,084,381	1,270,780	2,355,161
1949	477,570	140,660	618,230	922,670	2,230	924,900	1,098,610	2,023,510	4,229	1,406,699	1,239,270	2,645,969

## DISTRIBUTION

Crop year beginning April—	Exports <sup>2</sup>			Stocks, Mar. 31			Apparent consumption (disappearance) <sup>4</sup>			Reported industrial consumption <sup>3</sup>			Unaccounted for <sup>5</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>	<i>Drums <sup>2</sup></i>
1940	220,337	203,473	423,810	1,322,588	176,740	1,499,328	525,494	526,165	1,051,659	463,324	399,661	862,985	62,160	126,505	188,674
1941	342,935	233,411	576,346	984,654	163,088	1,147,742	788,361	697,004	1,485,365	775,504	535,418	1,310,922	12,857	161,586	174,443
1942	189,576	139,560	329,136	1,059,837	224,392	1,284,229	605,151	586,240	1,191,391	553,531	575,335	1,128,866	51,619	10,906	62,525
1943	311,007	143,680	454,687	648,206	146,580	794,786	888,526	613,401	1,501,927	733,560	579,100	1,312,660	154,965	34,302	189,267
1944	160,092	55,501	215,593	265,881	122,385	388,266	931,683	594,304	1,525,987	947,473	593,893	1,541,366	—15,789	410	—15,379
1945	105,354	101,456	206,810	237,504	138,394	375,898	627,294	640,095	1,267,389	616,189	603,045	1,219,234	11,105	37,050	48,155
1946	320,475	180,972	501,447	127,284	95,417	222,701	542,472	829,718	1,372,190	538,588	818,357	1,356,945	3,884	11,361	15,245
1947	295,738	295,818	591,556	162,090	115,890	277,980	497,866	846,412	1,344,278	456,739	876,000	1,332,739	41,127	—29,588	11,539
1948	236,228	266,049	502,277	477,570	140,660	618,230	370,583	864,071	1,234,654	352,656	389,663	1,242,319	17,927	—25,592	—7,665
1949	256,927	305,098	562,025	802,620	91,660	894,280	347,152	842,512	1,189,664	317,685	849,732	1,167,417	29,467	—7,220	22,247

<sup>1</sup> Rosin, not for violins; imports for consumption, as reported by the Department of Commerce.

<sup>2</sup> Drums of 520 pounds net weight.

<sup>3</sup> Reports of Department of Commerce.

<sup>4</sup> Total supply, less exports and Mar. 31 stocks.

<sup>5</sup> Includes rosin used in producers' plants in production of unclassified derived products.

<sup>6</sup> Chiefly unreported industrial consumption and some modified or derived rosin reported as rosin.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-39 in Agricultural Statistics, 1947, table 768.

## CHAPTER XI

### MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter of the book contains miscellaneous data which do not fit into the preceding chapters. Included here are weather data pertaining to farming; freight rates on the transportation of agricultural commodities; statistics of fishery products and of refrigerated warehouse space. This chapter also covers the work of the Agricultural Extension Service.

In the frost table, dates of the last freeze in the spring and the first freeze in the fall have been substituted for dates of the last and first "killing frosts," which appeared in previous issues of this book. While it is believed that the two types of data do not vary greatly, the freeze dates are more reliable statistics. The remainder of the data in the frost table are in process of revision, but revisions were not available for this edition.

A table on frozen-food locker plants has been restored in this issue; it did not appear in the 1949 book.

TABLE 802.—*Transportation bill for farm food products, and index numbers of railroad freight rates for fruits, vegetables, cotton, and wheat, 1929-49<sup>1</sup>*

Year <sup>1</sup>	Transportation bill for farm food products <sup>(2)</sup>	Railroad freight rate indexes (July 1935-June 1940=100)				Year <sup>1</sup>	Transportation bill for farm food products <sup>(2)</sup>	Railroad freight rate indexes (July 1935-June 1940=100)			
		Fresh fruits <sup>3</sup>	Fresh vegetables <sup>3</sup>	Cotton <sup>(4)</sup>	Wheat <sup>(4)</sup>			Fresh fruits <sup>3</sup>	Fresh vegetables <sup>3</sup>	Cotton <sup>(4)</sup>	Wheat <sup>(4)</sup>
	<i>Billion dollars</i>						<i>Billion dollars</i>				
1929-----	0.97	114	102	159	103	1940-----	1.00	98	100	100	103
1930-----	1.01	116	102	155	103	1941-----	1.01	97	100	102	103
1931-----	.96	115	102	136	98	1942-----	1.00	97	101	104	105
1932-----	.86	114	102	104	103	1943-----	1.00	97	99	101	103
1933-----	.76	107	101	93	103	1944-----	1.07	98	99	101	103
1934-----	.81	103	100	93	103	1945-----	1.23	98	99	102	103
1935-----	.77	102	99	95	98	1946-----	1.48	104	109	109	112
1936-----	.82	100	98	95	98	1947-----	1.75	117	125	126	131
1937-----	.85	98	100	100	99	1948-----	1.96	128	134	138	144
1938-----	.94	101	102	105	103	1949 <sup>5</sup> -----	2.13	135	143	146	152
1939-----	.95	100	101	105	103						

<sup>1</sup> Transportation bill for calendar years; railroad freight rate indexes for fiscal years beginning July 1.

<sup>2</sup> Estimate of the total expenditures by shippers for transportation (except local haulage) of farm food products for civilian consumption by all means of transportation, including private trucks. Year-to-year variations are caused not only by changes in rates, but also by changes in volume shipped, length of haul, and some additional minor factors.

<sup>3</sup> The index numbers for fruits and vegetables are of the weighted aggregative type. They are based upon averages of rates in effect during the year, in the computation of which successively applicable rates are weighted by the estimated proportion of annual shipments moved thereon, assuming an average seasonal distribution of shipments. The weights used in computing the index numbers are based on average tons shipped during the 5-year period 1934-38 inclusive. For a further description see Index Numbers of Railroad Freight Rates on Perishable Agricultural Shipments, United States, 1913-38, U. S. Department of Agriculture, January 1941.

<sup>4</sup> The index numbers for cotton and wheat are relatives based on the average of the rates in effect during the crop year.

<sup>5</sup> Preliminary estimate.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1949, table 798.



TABLE 803.—*Precipitation: Monthly and annual, by States, 1949*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>
Maine.....	3.70	2.71	2.26	3.73	5.35	0.68	3.18	3.59	3.69	2.33	1.94	3.61	36.67
New Hampshire.....	3.89	2.35	2.00	2.89	3.25	2.70	2.44	1.91	4.58	2.55	4.80	2.10	35.46
Vermont.....	3.03	2.27	2.09	4.08	3.72	0.91	2.11	2.37	4.63	2.08	2.90	2.61	32.60
Massachusetts.....	4.05	3.29	2.39	3.23	3.81	2.45	2.83	2.98	4.74	2.35	2.88	2.11	37.11
Rhode Island.....	4.48	3.98	2.62	4.42	3.17	0.08	1.26	3.54	3.77	1.84	3.32	2.55	35.03
Connecticut.....	2.03	3.12	2.21	2.99	2.94	2.37	4.17	4.07	3.43	2.29	2.82	2.33	34.77
New York.....	3.49	2.41	1.96	3.33	3.15	1.47	3.28	4.28	3.64	1.79	2.69	2.74	34.23
New Jersey.....	5.99	3.68	2.61	3.73	4.77	0.23	3.87	3.60	4.20	2.49	1.61	2.91	39.69
Pennsylvania.....	4.46	2.60	1.98	3.65	3.78	1.92	5.63	3.67	3.15	2.29	1.77	3.32	38.12
Ohio.....	5.58	2.70	2.91	2.69	3.05	4.25	4.22	3.31	2.71	1.68	1.47	2.96	37.53
Indiana.....	7.74	2.89	3.81	2.01	3.36	5.36	3.50	3.66	2.64	4.89	1.12	4.21	45.19
Illinois.....	6.09	2.63	3.21	1.77	2.77	4.19	4.40	2.90	2.76	5.17	0.67	4.72	41.28
Michigan.....	2.70	2.10	2.05	1.62	2.75	4.17	4.21	2.45	2.78	2.49	2.25	2.80	32.37
Wisconsin.....	1.92	0.80	2.31	1.64	2.28	4.99	5.53	2.20	2.61	1.80	1.20	1.28	27.96
Minnesota.....	1.55	0.41	1.71	0.74	3.24	4.08	6.20	2.01	1.74	3.24	0.94	1.02	26.88
Iowa.....	2.72	0.87	2.44	1.33	2.68	5.51	3.47	2.34	3.21	1.93	0.49	1.07	28.06
Missouri.....	6.37	2.58	3.42	1.65	4.59	6.55	4.90	3.04	4.78	6.09	0.45	3.67	48.09
North Dakota.....	1.14	0.46	0.60	0.45	2.34	2.64	3.56	0.99	0.56	2.55	0.30	0.65	16.24
South Dakota.....	1.51	0.14	1.22	1.18	2.58	2.00	2.02	1.93	1.57	2.15	0.24	0.65	17.19
Nebraska.....	1.90	0.29	2.46	1.52	4.84	4.92	2.36	2.74	2.19	1.70	0.17	0.29	25.38
Kansas.....	3.09	1.14	1.96	2.18	5.34	5.93	3.83	2.72	2.22	2.42	0.15	0.87	31.85
Delaware.....	5.36	4.12	3.47	2.58	4.15	1.07	3.06	4.31	3.81	4.32	2.17	1.97	40.39
Maryland.....	5.29	3.30	2.75	2.79	4.85	2.14	4.82	4.32	3.22	3.49	1.63	2.31	40.91
District of Columbia.....	5.08	3.21	3.96	2.01	5.65	1.85	4.57	4.57	3.65	3.21	0.74	1.72	40.12
Virginia.....	3.78	2.69	2.66	3.50	4.75	4.72	5.84	7.01	2.83	3.40	2.02	2.18	45.38
West Virginia.....	4.87	3.22	2.50	3.52	3.74	4.13	5.35	4.33	2.62	2.99	2.64	3.82	42.73
North Carolina.....	2.83	3.75	2.96	4.46	4.68	6.26	6.67	9.31	4.02	4.10	2.87	2.30	54.21
South Carolina.....	2.19	5.08	2.09	5.06	3.39	4.26	5.07	9.94	3.93	3.51	2.28	1.92	48.72
Georgia.....	3.03	5.58	2.98	5.71	3.50	5.10	5.66	6.81	3.26	3.07	1.08	2.52	48.30
Florida.....	0.88	2.69	2.19	5.16	2.34	7.55	7.86	11.05	7.60	3.72	1.86	2.39	55.29
Kentucky.....	6.86	5.35	5.17	3.52	2.78	5.52	4.09	4.54	1.84	4.53	1.82	5.70	51.72
Tennessee.....	8.43	3.42	5.56	4.15	3.68	7.01	5.90	4.28	2.00	6.61	1.25	5.18	57.47
Alabama.....	6.58	6.20	6.16	5.79	4.07	5.76	6.71	4.61	3.31	3.37	0.80	4.01	57.37
Mississippi.....	8.69	5.22	8.44	5.11	4.68	5.51	6.36	3.89	3.77	4.75	0.39	4.23	61.04
Arkansas.....	10.16	3.98	5.42	2.75	5.29	5.17	4.32	3.11	3.20	8.50	0.37	4.77	57.04
Louisiana.....	6.11	4.82	8.25	6.53	2.35	5.20	8.03	4.04	3.94	7.30	0.34	5.00	61.91
Oklahoma.....	5.41	2.23	2.30	2.07	7.94	4.98	2.72	2.00	3.87	3.57	0.13	1.64	38.86
Texas.....	3.62	2.37	1.78	3.96	3.25	3.23	2.94	2.32	2.80	5.56	0.13	2.38	34.34
Montana.....	0.84	0.95	0.80	0.57	1.94	1.71	1.26	0.57	1.02	1.34	0.48	0.88	12.36
Idaho.....	1.00	2.91	1.03	0.54	2.02	0.65	0.30	0.35	0.89	1.53	1.87	1.72	14.81
Wyoming.....	1.35	0.69	0.98	0.94	2.57	2.14	0.97	0.58	0.90	1.85	0.36	0.71	14.04
Colorado.....	1.50	0.57	1.52	1.13	2.50	3.26	2.18	1.30	0.85	1.20	0.24	0.55	16.80
New Mexico.....	1.61	0.63	0.45	0.92	1.23	2.10	3.01	1.62	2.44	0.68	0.07	0.55	15.31
Arizona.....	3.06	0.76	0.51	0.38	0.29	0.84	1.97	1.25	1.62	1.15	0.33	1.24	13.40
Utah.....	2.11	0.90	1.46	0.52	1.92	1.47	0.70	0.54	0.77	1.89	0.59	1.81	14.68
Nevada.....	1.39	0.94	0.79	0.24	1.77	0.38	0.26	0.28	0.27	0.40	0.52	0.47	7.71
Washington.....	0.99	6.25	2.51	1.30	1.14	0.75	0.66	0.61	1.38	2.96	5.95	5.34	29.84
Oregon.....	1.09	5.93	2.39	0.83	2.37	0.51	0.22	0.14	1.03	1.89	3.84	3.57	23.81
California.....	2.30	2.68	4.30	0.16	1.08	0.06	0.02	0.10	0.09	0.27	1.68	1.94	14.68

Weather Bureau, Department of Commerce.

TABLE 804.—*Precipitation: Normal and 1949, at selected points in United States*<sup>1</sup>

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
Greenville, Me.	2.88	2.60	2.72	2.13	2.96	1.88	2.92	3.01	3.22	3.60	3.72	2.91	4.26	3.18	3.37	2.79	3.75	3.33	3.56	2.20	3.08	3.43	3.13	1.53	39.57	32.59	
Burlington, Vt.	1.76	2.09	1.57	2.08	2.04	1.40	2.15	2.34	2.85	1.58	3.38	1.09	3.50	4.70	3.37	4.42	3.48	2.64	2.97	1.46	2.66	2.62	1.88	1.80	31.61	28.22	
Boston, Mass.	3.61	3.21	3.37	3.25	3.57	1.66	3.34	3.23	3.18	2.53	2.89	.93	3.49	1.10	3.62	2.12	3.14	6.47	3.15	1.60	3.33	3.71	3.45	1.64	40.14	31.45	
Buffalo, N. Y.	3.30	2.71	2.95	2.64	2.57	2.52	2.56	2.42	3.10	2.09	2.82	1.17	3.03	3.15	3.08	5.27	2.92	3.10	3.29	1.67	3.02	6.37	3.36	3.68	36.00	36.79	
Canton, N. Y.	2.50	2.55	2.27	3.24	2.50	2.00	2.18	4.24	3.00	2.49	3.29	3.21	3.50	1.85	3.65	3.95	3.35	3.80	3.03	1.64	3.16	3.26	2.69	2.57	35.12	34.80	
Trenton, N. J.	3.31	5.40	3.27	3.11	3.40	2.76	2.94	2.92	3.08	5.09	3.09	.06	3.94	5.26	4.75	1.79	3.40	4.19	2.78	2.55	2.73	.94	3.35	2.45	40.14	36.52	
Pittsburgh, Pa.	3.05	3.84	2.62	2.98	3.03	3.27	2.92	2.55	3.21	2.02	3.81	3.64	4.05	6.75	3.23	1.86	2.58	2.57	2.52	1.38	2.29	1.33	2.86	2.80	36.17	34.49	
Scranton, Pa.	3.03	3.22	3.04	1.68	3.20	1.50	2.77	3.85	3.27	3.68	3.07	1.64	4.03	4.68	3.69	4.98	3.17	3.19	3.03	1.94	2.77	1.61	3.02	3.86	38.69	35.83	
Cincinnati, Ohio	3.48	9.60	2.99	3.22	3.89	3.86	3.12	1.76	3.70	2.23	3.66	6.78	3.51	4.61	3.41	2.76	2.65	1.53	2.51	2.53	2.85	.71	2.98	3.46	38.55	43.05	
Cleveland, Ohio	2.51	3.12	2.51	1.95	2.71	2.28	2.44	2.34	3.12	3.34	3.12	.88	3.45	4.24	2.77	4.09	3.31	2.99	2.78	.84	2.64	3.64	2.44	2.59	33.82	32.30	
Evansville, Ind.	3.74	8.84	3.24	3.51	4.19	8.50	3.90	2.73	3.86	3.54	4.04	4.11	3.42	3.19	3.36	3.80	3.31	2.36	2.82	7.01	3.74	.97	3.54	4.28	43.16	53.54	
Indianapolis, Ind.	2.95	7.13	2.73	2.41	3.93	3.37	3.62	1.86	3.89	2.80	3.62	4.11	3.54	3.88	3.31	7.94	3.40	2.86	2.78	3.87	3.35	.95	2.98	3.52	39.90	44.70	
Fort Wayne, Ind.	2.33	6.49	2.35	2.93	3.22	1.86	3.07	1.84	3.85	4.80	3.57	5.37	3.60	3.43	3.11	2.83	3.06	2.98	2.60	5.08	2.88	.90	2.58	3.70	36.22	42.21	
Chicago, Ill.	1.90	3.69	2.10	2.51	2.56	3.50	2.54	1.60	3.54	2.27	3.48	4.69	3.43	5.01	3.02	.98	3.20	2.08	2.56	3.40	2.51	1.38	2.07	6.09	32.91	37.20	
Peoria, Ill.	1.78	4.43	2.01	1.63	2.73	2.57	3.78	2.75	4.06	1.17	3.77	3.25	3.58	4.93	3.12	1.28	4.03	1.62	2.29	2.71	2.37	.65	1.77	6.34	34.89	33.33	
Cairo, Ill.	3.76	13.16	3.13	6.01	2.75	7.00	3.72	.95	3.71	1.17	3.64	3.83	5.55	3.07	4.41	3.02	3.21	2.89	1.64	2.76	6.55	3.68	.79	3.40	5.54	40.72	58.45
Grand Rapids, Mich.	2.35	2.69	2.15	1.95	2.48	2.43	2.77	1.73	3.44	1.33	3.48	2.21	2.92	4.02	2.61	7.6	3.53	1.88	2.81	1.73	2.77	1.01	2.57	4.21	33.88	25.95	
Alpena, Mich.	1.89	1.90	1.71	2.09	1.99	.90	2.24	2.28	3.05	2.55	3.30	2.52	2.76	1.08	2.86	2.07	2.98	2.27	2.71	.75	2.60	2.05	2.08	1.78	30.17	22.24	
Marquette, Mich.	2.33	2.11	1.90	1.30	2.26	2.20	2.43	.64	2.96	3.29	3.22	5.02	3.12	10.20	2.67	2.07	3.25	4.97	2.76	2.50	2.91	3.21	2.66	1.21	32.47	38.72	
Madison, Wis.	1.38	2.26	1.50	1.58	2.07	2.48	2.77	1.37	3.85	2.01	3.76	5.88	3.88	6.14	3.21	2.82	3.72	1.10	2.43	1.98	1.78	.82	1.63	1.80	31.98	30.24	
Green Bay, Wis.	1.54	1.85	1.56	1.08	2.04	3.75	2.65	2.69	3.52	.71	3.70	3.58	3.46	4.89	3.18	2.45	3.52	1.25	2.54	1.05	1.56	1.50	1.71	1.17	31.58	25.97	
Duluth, Minn.	.97	1.62	1.05	.59	1.54	1.93	2.06	.95	3.25	4.20	3.91	2.94	3.76	7.37	3.18	2.18	3.31	1.99	2.31	5.38	1.45	1.30	1.15	1.17	27.94	31.57	
Minneapolis, Minn.	.86	1.65	.95	.14	1.42	3.37	2.23	1.89	3.67	.90	4.22	7.4	3.73	6.01	3.12	2.64	3.13	2.67	2.08	1.72	1.27	.42	.98	.99	27.66	25.14	
Des Moines, Iowa	1.05	3.03	1.10	1.06	1.78	2.53	2.56	1.13	4.05	1.23	4.41	5.74	3.33	3.14	3.80	6.52	3.91	1.97	2.25	1.70	1.58	.55	1.12	.82	30.97	29.42	
Dubuque, Iowa	1.21	2.93	1.20	1.50	2.01	2.25	2.56	1.94	3.90	1.95	4.16	4.85	3.34	7.80	3.66	3.09	3.92	1.09	2.43	1.87	1.85	.83	1.27	1.41	31.51	31.51	
St. Louis, Mo.	2.34	7.46	2.56	2.60	3.38	2.54	3.81	.82	4.34	2.77	3.82	2.35	2.98	10.60	2.99	1.86	3.46	4.77	2.72	6.47	2.83	.25	2.21	3.81	37.44	46.30	
St. Joseph, Mo.	1.28	4.55	1.67	1.58	2.48	2.82	3.19	2.09	4.70	4.77	4.95	8.20	3.78	4.52	3.83	1.58	3.92	5.00	2.89	4.29	1.58	.61	1.29	2.10	35.56	40.51	
Springfield, Mo.	2.34	4.18	2.35	2.50	3.39	2.58	3.86	1.75	5.19	3.58	4.68	7.99	4.21	3.91	4.09	2.48	3.52	5.59	3.05	8.46	2.79	1.04	2.31	4.46	41.78	50.32	
Bismarck, N. D.	.38	.74	.39	.45	.87	.31	1.19	.87	2.23	1.49	2.33	2.36	2.28	4.62	1.63	2.15	1.44	.65	.91	2.16	.48	.17	.48	.58	15.51	16.55	
Devils Lake, N. D.	.47	.98	.50	.53	.78	.77	1.52	.15	2.03	2.76	3.56	2.26	2.57	1.58	2.48	.37	1.63	.55	1.25	3.94	.72	.55	.54	1.04	18.05	15.48	
Huron, S. D.	.56	.97	.54	.09	.91	1.05	2.24	.40	2.98	2.60	3.79	2.35	3.16	1.01	2.46	2.59	1.57	2.34	1.28	1.21	.59	.29	.57	1.30	20.65	16.20	
North Platte, Neb.	.39	1.98	.53	1.44	.86	4.17	2.06	1.42	2.78	4.36	3.22	3.80	2.74	2.99	2.39	1.13	1.35	1.32	1.07	1.16	.47	.48	.53	.35	18.39	23.30	
Omaha, Neb.	.70	3.70	.89	1.44	1.37	4.17	2.06	1.51	2.20	3.77	3.94	4.56	3.73	3.54	2.94	3.05	3.43	3.21	3.17	2.17	3.22	1.07	.04	.93	1.99	27.37	30.50
Concordia, Kans.	.49	2.16	.89	.61	1.11	1.03	2.16	2.86	3.84	3.45	4.15	5.76	3.10	3.46	2.91	1.85	2.66	1.77	1.88	3.14	1.09	T	.66	.57	24.94	26.66	
Dodge City, Kans.	.37	1.96	.78	1.01	.94	1.55	2.00	2.95	2.85	4.85	3.19	3.30	2.67	1.80	2.40	2.57	2.08	.55	1.35	4.48	.93	.01	.57	.41	20.13	25.44	
Wichita, Kans.	.71	6.29	1.24	1.80	1.63	2.01	2.96	3.85	4.66	6.15	4.58	3.16	2.89	6.97	3.13	1.13	3.33	3.62	2.45	1.91	1.77	.06	1.02	1.22	30.37	38.17	
Washington, D. C.	3.55	5.08	3.27	3.21	3.75	3.96	3.27	2.01	3.70	5.65	4.13	1.85	4.71	4.57	4.01	4.57	3.24	3.55	2.84	3.21	2.37	.74	3.32	1.72	42.16	40.12	
Lynchburg, Va.	3.43	4.45	3.26	2.50	3.54	3.49	2.95	3.91	3.63	3.84	3.79	8.50	4.21	4.07	3.78	4.03	3.31	2.68	3.15	2.83	2.33	1.20	3.26	2.31	40.64	43.81	
Norfolk, Va.	3.10	1.62	3.22	4.27	3.77	2.85	3.23	1.71	3.81	5.42	4.22	5.57	5.75	6.35	5.22	14.51	3.23	2.06	3.04	2.29	2.1	3.51	3.34	2.49	44.09	49.65	
Parkersburg, W. Va.	3.58	4.76	3.33	3.31	3.49	2.03	3.19	2.60	3.38	2.93	4.00	3.45	4.29	4.65	3.51	3.36	2.76	1.39	2.48	1.28	2.57	1.54	3.03	4.13	39.41	35.43	
Lexington, Ky.	4.18	5.55	3.62	5.86	4.32	5.06	3.50	3.34	3.81	1.87	4.05	4.37	4.65	4.56	3.45	4.37	3.07	1.32	2.59	1.85	3.34	2.53	3.77	7.26	43.35	48.54	
Charlotte, N. C.	4.00	3.94	4.30	3.32	4.17	2.35	3.31	5.48	3.63	2.90	4.22	2.62	5.10	6.81	5.07	6.53	2.99	2.36	2.95	6.70	2.57	2.37	3.86	1.79	46.17	47.17	
Wilmington, N. C.	3.29	1.56	3.26	3.70	3.17	1.66	2.66	3.79	4.44	4.25	5.10	6.13	7.13	4.12	5.36	8.51	4.51	3.25	3.27	2.49	1.96	2.52	2.78	2.04	46.93	44.02	
Charleston, S. C.	3.02	.77	2.98	3.07	3.02	1.60	2.53	2.09	3.00	6.19	4.59	4.12	6.89	5.64	6.53	11.45	4.53	8.16	3.27	1.90	2.14	.75	2.72	.93	45.22	46.67	

Greenville, S. C.	4.87	4.23	5.18	5.65	5.15	2.63	3.72	5.77	4.03	3.20	4.55	3.93	5.36	7.14	5.50	8.62	3.68	5.32	3.12	10.40	3.18	2.07	4.84	2.28	53.18	61.24
Atlanta, Ga.	4.95	4.07	5.06	4.11	5.30	3.90	3.61	6.65	3.47	3.45	3.74	2.26	4.65	5.97	4.45	6.21	2.99	4.25	2.59	4.97	3.03	.50	4.70	2.53	48.54	48.87
Thomasville, Ga.	2.80	1.80	4.46	4.57	4.09	3.70	3.64	6.03	3.63	1.07	5.45	5.34	6.70	8.62	5.75	6.16	4.88	2.39	2.96	.98	2.68	.56	4.31	1.38	52.35	42.60
Jacksonville, Fla.	2.10	1.46	2.97	6.04	2.91	.99	2.38	5.52	4.02	3.17	5.33	3.17	6.71	5.12	5.81	11.51	7.35	11.42	4.46	2.53	1.98	2.69	3.02	1.61	49.74	55.23
Miami, Fla.	2.27	.14	2.03	4.8	2.63	2.72	3.41	4.41	7.15	5.03	7.17	6.90	5.60	5.08	5.88	5.36	8.65	10.73	7.74	7.57	3.26	.81	1.98	3.58	57.77	52.81
Memphis, Tenn.	4.81	8.87	4.36	1.90	5.26	5.42	4.78	6.77	4.19	3.37	3.55	10.30	3.18	3.73	3.36	2.36	2.80	.86	2.68	8.16	4.24	.69	4.51	7.63	47.72	60.62
Nashville, Tenn.	4.76	7.12	4.13	2.94	5.11	5.46	4.13	5.27	3.87	5.65	4.00	7.16	3.88	4.25	3.71	2.87	3.42	.76	2.49	4.38	3.50	.54	4.20	5.68	47.20	52.08
Birmingham, Ala.	5.52	11.00	5.06	8.29	5.70	7.98	4.81	4.90	3.95	3.37	4.46	2.84	5.17	2.98	4.26	5.22	3.38	4.31	2.42	3.00	3.31	.42	5.14	3.44	53.18	57.75
Mobile, Ala.	4.85	2.52	5.33	7.32	5.98	5.93	4.63	10.69	4.32	3.21	5.43	9.85	6.89	18.35	6.92	4.45	5.00	5.45	3.60	1.52	3.64	.12	5.02	4.82	61.61	74.23
Meridian, Miss.	5.32	5.39	5.45	5.44	5.23	10.38	4.78	5.77	4.32	4.33	4.55	6.16	4.89	7.30	4.54	2.50	2.96	5.87	2.39	1.86	3.32	.73	5.23	5.53	52.98	61.26
Vicksburg, Miss.	4.37	10.78	4.82	5.34	5.57	8.90	5.19	4.67	4.32	2.71	3.99	3.75	4.53	7.02	3.46	1.98	2.87	.76	2.77	4.18	3.71	.04	5.33	2.96	51.93	53.09
New Orleans, La.	4.34	3.26	4.25	4.73	4.72	11.83	5.24	9.72	4.60	1.01	5.88	5.31	6.37	6.61	5.80	5.51	5.03	7.10	3.30	3.53	3.14	.10	4.79	5.33	57.46	64.04
Shreveport, La.	3.93	7.81	3.20	3.72	4.11	2.94	4.63	2.86	4.22	1.63	3.50	2.16	3.56	4.37	2.70	1.06	2.80	3.74	2.69	14.02	3.65	.37	4.29	5.20	43.28	49.88
Amarillo, Texas.	.51	2.02	.71	.59	.71	.57	1.83	1.99	2.79	6.43	2.84	2.82	2.84	3.90	3.08	3.78	2.30	1.69	1.66	1.03	.92	.01	.80	.30	20.99	25.13
Brownsville, Texas	1.81	.39	1.49	3.00	1.57	.41	1.73	1.49	2.58	1.85	3.17	1.77	2.27	5.59	2.86	4.14	5.82	7.40	3.60	.56	2.28	.01	1.87	2.14	31.05	28.75
El Paso, Texas	.46	1.84	.41	.22	.36	.04	.26	.05	.33	.39	.58	.51	1.99	1.18	1.70	4.43	1.25	1.74	.80	1.50	.50	.00	.52	.86	9.16	8.76
Fort Worth, Texas	2.05	5.45	1.76	4.75	2.32	3.69	4.02	2.47	4.65	10.64	3.35	3.52	2.61	1.0	2.62	2.27	2.49	3.13	2.81	6.50	2.58	.09	1.87	1.04	33.13	43.65
Galveston, Texas	3.41	3.27	2.83	2.61	2.68	3.04	3.06	5.76	3.42	2.56	4.37	3.54	3.71	5.95	4.28	3.32	5.57	1.21	4.36	8.37	3.33	.47	3.75	7.86	44.77	47.96
San Antonio, Texas	1.46	2.91	1.65	2.98	1.84	2.27	3.19	8.99	3.20	.85	2.46	8.26	2.17	2.24	2.42	1.03	3.05	.78	2.23	7.58	1.90	.13	1.61	2.79	27.18	40.81
Oklahoma City, Okla.	1.19	5.64	1.11	.56	1.98	1.43	3.29	1.65	4.88	6.31	3.67	4.35	2.86	1.36	2.89	1.70	3.05	3.35	2.86	2.97	1.87	T	1.50	1.07	31.15	30.99
Little Rock, Ark.	4.73	11.91	3.84	4.04	4.62	7.33	5.19	2.07	4.78	2.37	3.76	5.71	3.50	3.55	3.75	6.01	3.17	2.75	2.71	9.68	4.19	.28	4.14	4.78	48.38	60.48
Havre, Mont.	.73	.44	.50	.47	.51	.41	.99	.05	2.04	2.71	2.86	.73	1.87	1.39	1.22	.23	1.29	.14	.67	1.41	.61	.03	.61	.86	13.90	8.87
Miles City, Mont.	.66	.76	.49	.91	.86	.51	1.12	.29	2.24	1.32	2.66	.92	1.54	.95	1.08	.11	1.04	.37	.90	2.43	.57	.02	.63	.20	13.79	8.79
Kalispell, Mont.	1.57	1.07	1.11	1.28	.95	1.30	.80	.58	1.46	1.22	2.06	.58	1.10	1.55	.87	.56	1.24	.97	1.06	.98	1.35	1.42	1.45	.97	15.02	12.48
Cheyenne, Wyo.	.42	2.78	.64	.04	1.02	2.44	1.99	1.61	2.43	4.27	1.61	3.26	2.10	2.17	1.55	2.04	1.20	.25	.96	1.36	.52	.02	.55	.26	14.99	20.50
Sheridan, Wyo.	.85	1.61	.70	.41	1.16	1.15	1.92	2.30	2.65	2.83	2.04	2.30	1.22	.36	.91	.10	1.27	1.48	1.07	1.99	.63	.94	.64	.50	15.06	15.97
Pueblo, Colo.	.31	.27	.47	.17	.59	.79	1.31	.93	1.60	3.32	1.36	3.12	1.94	1.97	1.82	.42	.75	.38	.66	1.41	.36	T	.50	T	11.67	12.78
Grand Junction, Colo.	.60	1.33	.58	.40	.76	1.75	.83	.74	.81	.74	.40	.53	.61	.91	1.17	.32	.92	1.72	.95	.72	.57	.15	.63	.31	8.83	9.62
Albuquerque, N. M.	.46	.63	.32	.34	.47	.57	.81	.63	1.25	1.47	.94	.45	1.22	1.74	1.62	1.18	1.58	.68	.83	.08	.52	T	.61	.47	10.63	8.24
Roswell, N. M.	.53	1.70	.69	.42	.74	T	.89	.50	1.09	.75	1.67	2.84	2.26	3.25	2.15	1.33	2.11	1.87	1.42	1.10	.85	.01	.66	.81	14.96	14.58
Phoenix, Ariz.	.80	1.61	.77	.08	.68	.38	.40	.18	1.27	.07	.14	1.07	.36	.95	.41	.75	.89	.47	.80	.70	.30	1.00	.92	7.78	6.24	
Modena, Utah	.85	3.79	.95	1.73	1.03	1.02	.89	.89	.79	1.23	.32	2.74	1.08	.09	1.29	.13	.78	.42	.74	.63	.59	.15	.83	2.41	10.14	15.23
Salt Lake City, Utah	1.31	1.56	1.51	.54	1.98	2.88	2.06	1.18	1.92	3.35	.80	.16	.51	.29	.85	.46	.98	.77	1.44	2.68	1.35	.63	1.43	1.25	16.13	15.75
Winnemucca, Nev.	1.03	1.06	.91	.45	.96	.91	.84	.17	.88	1.44	.72	.39	.21	T	.20	.11	.41	.21	.62	.72	.68	.46	1.08	.31	8.54	6.23
Boise, Idaho	1.73	.12	1.44	2.05	1.35	.48	1.18	.09	1.43	.73	.92	.39	.24	T	.19	.12	.53	.19	1.24	1.20	1.28	1.40	1.57	.68	13.10	7.43
Seattle, Wash.	4.94	1.43	3.89	6.82	3.05	2.86	2.38	1.23	1.87	1.35	1.33	.23	.63	.65	.70	.39	1.77	1.30	2.84	3.45	5.03	5.95	5.60	4.59	34.03	30.25
Walla Walla, Wash.	1.81	.34	1.76	2.21	1.61	1.03	1.51	.35	1.61	1.49	1.12	.24	.39	T	.49	.06	.95	.96	1.53	.84	2.02	2.05	2.06	1.47	16.86	11.04
Portland, Oregon	6.60	.90	5.36	11.43	3.91	3.33	.87	.89	2.19	2.77	1.52	.44	.61	.62	.64	.15	1.98	1.23	3.12	2.72	6.10	6.15	6.72	5.44	41.62	36.07
Roseburg, Oregon	5.31	1.35	4.49	6.43	3.28	2.49	2.27	.79	1.93	1.96	1.09	.03	.32	T	.34	.03	1.27	1.96	2.61	2.42	4.66	3.23	5.34	3.82	32.91	24.51
Eureka, Calif.	7.11	1.63	6.48	6.09	5.23	6.94	3.33	.41	1.80	2.56	.72	.06	.11	.16	.18	.02	1.01	.50	2.33	2.03	5.18	3.23	6.28	4.49	39.76	28.12
Fresno, Calif.	1.73	.60	1.43	.73	1.58	3.60	.95	.01	.44	.39	.08	T	.01	T	.01	T	.21	.00	.57	T	.93	.46	1.45	.78	9.39	6.57
Los Angeles, Calif.	3.10	2.43	3.07	1.41	2.78	1.40	1.04	T	.45	.46	.08	T	.01	T	.02	.01	.17	.01	.68	.01	1.20	2.18	2.63	2.72	15.23	10.63
Sacramento, Calif.	3.72	1.47	3.02	1.91	2.57	4.15	1.51	T	.77	.32	.15	T	T	T	.00	.01	.38	.03	.92	1.14	1.88	1.10	3.03	1.90	17.95	11.03
San Diego, Calif.	2.06	3.56	2.03	1.81	1.72	.75	.77	.09	.35	.41	.05	T	.03	T	.04	T	.08	T	.54	.23	.76	1.16	1.87	.86	10.30	8.87
San Francisco, Calif.	4.54	2.20	3.85	3.04	3.14	5.85	1.61	T	.80	.93	.18	T	.02	.06	.01	.04	.45	T	1.12	.08	2.35	1.18	3.95	2.77	22.02	16.15

<sup>1</sup> Normals are based on records of 30 or more years of observations.

<sup>2</sup> No observations Oct. 22-28.

T = trace: an amount too small to measure.

Weather Bureau, Department of Commerce.

TABLE 805.—Temperature: Normal and mean 1949, at selected points in United States<sup>1</sup>

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949	Normal	1949
Greenville, Me.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.
Burlington, Vt.	12.4	18.4	13.5	16.2	24.5	25.2	37.1	40.5	49.5	49.7	59.2	61.6	65.1	66.5	62.3	62.4	55.2	53.2	44.5	46.4	30.6	28.3	18.8	22.0	39.4	40.9
Boston, Mass.	18.8	25.1	19.4	23.9	29.1	31.0	43.3	45.1	56.5	56.5	65.7	71.9	70.3	73.8	67.9	71.0	60.3	59.2	49.2	53.2	36.3	33.3	24.4	28.4	45.1	47.7
Buffalo, N. Y.	27.9	34.7	28.8	34.5	35.6	39.2	46.4	50.9	57.1	60.4	66.5	71.6	71.7	76.3	69.9	74.4	63.2	63.2	53.6	58.4	42.0	43.5	32.5	36.8	49.6	55.7
Canton, N. Y.	23.9	31.3	23.7	31.8	31.3	33.7	43.8	45.5	55.9	57.7	64.9	72.2	70.0	74.3	68.4	71.7	61.6	58.9	51.1	57.2	38.5	38.1	28.8	33.3	46.0	50.5
Trenton, N. J.	16.6	23.2	15.8	23.7	27.8	29.0	41.9	44.5	54.2	56.1	63.5	70.1	68.6	71.3	66.5	70.3	58.8	57.7	47.5	53.3	35.0	31.4	21.8	26.8	43.2	46.5
Pittsburgh, Pa.	30.5	39.3	30.7	35.8	39.1	42.9	49.8	53.0	61.1	62.4	69.5	73.1	74.5	78.4	73.0	75.5	66.9	64.3	55.6	61.1	44.4	44.3	34.4	38.4	52.5	56.0
Scranton, Pa.	28.0	40.0	29.8	39.9	37.2	42.2	49.2	50.9	60.2	63.9	68.7	74.6	73.1	78.5	73.0	74.8	64.7	62.5	54.1	60.6	41.2	44.3	32.0	37.9	50.8	55.8
Cincinnati, Ohio.	26.6	34.1	27.3	34.1	35.7	38.7	48.1	49.2	59.4	60.2	67.8	72.8	71.7	76.8	69.8	72.8	62.9	60.4	51.9	57.7	40.5	40.4	30.7	33.5	49.4	52.6
Cleveland, Ohio.	30.3	40.7	32.8	41.6	40.9	45.9	52.4	53.8	63.1	66.6	71.2	71.7	75.1	82.1	73.6	77.2	67.1	64.4	55.7	62.6	42.5	42.2	33.4	41.1	53.2	58.4
Evansville, Ind.	26.5	35.8	27.4	35.6	34.6	38.5	46.2	47.5	57.9	61.5	67.1	73.7	71.4	76.8	70.0	73.6	63.9	62.5	53.6	60.6	40.9	42.9	31.2	36.5	49.2	53.8
Indianapolis, Ind.	31.3	39.0	34.9	38.5	44.4	45.0	54.9	53.7	64.3	66.6	71.9	75.6	76.5	80.0	75.0	76.0	67.7	63.4	57.0	61.0	44.4	46.2	34.8	40.3	54.8	57.1
Fort Wayne, Ind.	28.4	35.0	31.1	36.6	40.0	42.7	52.1	51.7	62.9	65.1	71.6	75.0	75.7	79.4	73.7	75.2	66.9	62.4	55.7	60.6	42.3	43.9	32.2	37.8	52.7	55.4
Chicago, Ill.	25.4	31.8	26.6	32.3	36.1	38.1	48.7	47.9	59.2	61.4	67.4	72.7	72.4	76.6	70.9	72.5	63.1	58.7	52.7	57.1	38.8	40.3	28.6	33.2	49.2	51.9
Peoria, Ill.	22.3	30.4	24.9	29.8	34.5	38.7	46.9	48.1	57.8	61.2	68.1	73.5	72.7	78.3	71.6	75.8	64.9	62.1	52.5	59.2	37.7	42.6	26.9	34.1	48.4	52.8
Cairo, Ill.	22.1	26.5	24.9	27.5	36.0	39.0	49.9	50.6	60.7	64.4	69.9	74.7	74.4	78.4	71.5	74.5	63.3	60.4	51.0	57.4	36.5	42.3	27.1	33.3	48.9	52.5
Grand Rapids, Mich.	34.9	41.0	38.5	42.9	47.7	48.4	59.1	58.4	69.4	71.1	77.3	78.0	80.6	82.3	78.8	79.1	72.5	67.4	60.5	63.2	47.3	49.5	37.8	43.5	58.7	60.4
Alpena, Mich.	24.5	30.2	23.7	29.2	33.4	35.8	47.0	48.1	58.0	61.0	67.8	73.3	72.6	76.4	69.7	73.0	62.7	59.7	51.2	57.4	38.4	39.2	28.5	32.8	48.1	51.4
Marquette, Mich.	19.1	26.4	18.0	24.8	25.5	29.0	38.6	42.8	50.5	52.6	60.4	64.8	65.9	69.6	63.1	68.5	57.6	56.8	47.1	51.8	34.4	34.7	24.8	27.9	42.2	45.8
Madison, Wis.	16.3	22.4	16.3	19.4	24.8	26.8	37.8	43.7	49.0	50.6	58.9	64.6	64.9	69.0	63.8	67.7	57.5	55.3	46.7	51.2	33.3	33.4	22.6	24.1	41.0	44.0
Green Bay, Wis.	16.7	21.2	19.1	20.4	30.6	32.4	45.4	47.2	57.6	60.2	67.2	71.5	72.1	75.4	69.8	72.4	62.4	57.8	50.3	55.4	35.2	38.3	28.8	26.2	45.8	48.2
Duluth, Minn.	15.7	20.8	17.4	18.4	28.6	30.5	43.2	44.6	54.9	57.4	64.9	69.8	70.0	73.2	67.7	70.2	60.4	56.0	48.5	51.6	34.0	33.6	22.3	23.6	44.0	46.8
Minneapolis, Minn.	7.9	14.1	11.4	11.0	23.7	24.1	37.0	44.4	47.3	50.0	57.2	62.4	63.9	67.0	62.6	67.2	55.1	54.4	44.1	47.9	30.0	32.6	15.9	14.5	38.0	40.8
Des Moines, Iowa.	12.7	14.1	15.9	13.4	29.6	29.5	46.4	47.1	57.7	62.0	67.5	72.2	72.3	76.4	69.9	74.2	61.4	58.4	48.9	52.0	32.4	37.2	19.6	20.4	44.5	46.5
Dubuque, Iowa.	20.1	19.3	23.7	21.0	35.9	36.2	50.1	50.8	61.3	63.3	70.6	74.8	75.4	77.9	73.1	74.5	65.6	60.8	53.4	57.1	38.4	40.5	26.0	29.0	49.5	50.7
St. Louis, Mo.	19.1	22.0	22.2	22.2	34.0	35.2	48.6	49.4	60.3	63.1	69.4	73.3	74.1	77.1	71.7	74.2	64.0	59.2	51.9	56.1	37.0	40.7	24.7	28.1	48.1	50.1
St. Joseph, Mo.	31.1	33.0	34.8	37.1	44.1	44.4	56.1	54.5	67.0	69.2	75.0	77.8	78.8	80.8	77.5	77.7	70.5	65.4	58.8	61.3	45.4	49.2	34.9	38.4	56.2	57.4
Springfield, Mo.	25.5	22.9	29.6	27.4	40.5	40.8	53.5	54.0	64.2	67.5	73.7	75.9	77.4	79.2	76.5	75.8	68.4	62.7	56.0	58.9	41.5	47.0	29.6	32.8	53.0	53.7
Bismarck, N. Dak.	32.3	32.0	34.0	38.7	43.6	43.8	55.2	54.6	63.7	67.0	71.7	75.0	76.2	77.8	75.5	74.3	68.4	63.9	57.6	59.0	45.0	47.6	35.5	38.9	54.9	56.1
Devil's Lake, N. Dak.	6.3	3.2	8.5	3.1	21.9	24.3	39.3	48.6	53.0	58.7	62.9	67.0	69.4	72.5	66.7	70.7	57.3	57.1	43.6	46.5	26.5	40.0	12.8	10.8	39.0	42.1
Huron, S. Dak.	1.8	0.5	5.1	-1.4	19.8	17.4	38.8	45.4	52.6	55.0	61.9	63.4	67.4	68.6	64.8	71.6	55.9	55.2	42.4	42.4	24.5	33.9	9.5	5.2	37.0	38.1
North Platte, Nebr.	11.3	7.7	14.3	11.8	28.9	30.7	45.1	48.8	56.4	61.6	66.2	69.6	71.8	76.5	69.4	74.8	61.3	58.4	47.7	49.9	31.5	46.8	18.7	19.9	43.6	45.8
Omaha, Nebr.	22.9	11.7	26.6	24.8	36.6	36.5	48.6	50.3	58.7	61.9	67.5	69.5	72.9	75.9	70.8	74.0	62.1	62.0	49.7	51.1	36.6	46.8	26.7	29.5	48.8	49.5
Concordia, Kans.	20.9	17.4	24.3	20.5	36.1	36.7	51.0	52.8	62.4	66.1	70.7	73.8	75.2	78.0	73.2	75.0	65.7	61.4	53.4	56.7	38.3	45.3	26.4	28.9	49.3	51.1
Dodge City, Kans.	26.4	19.3	29.8	27.4	41.0	39.0	53.5	53.7	63.5	64.0	72.5	75.0	78.0	79.9	76.5	76.2	68.3	63.9	55.9	58.4	41.4	49.0	30.7	32.0	53.1	53.3
Wichita, Kans.	29.0	21.7	33.2	32.2	42.8	41.8	53.6	53.6	63.5	64.0	73.0	75.8	78.4	78.8	77.7	75.6	69.4	65.7	56.1	57.4	42.6	50.1	32.6	34.2	54.3	54.3
Washington, D. C.	31.3	23.6	34.4	32.9	45.1	43.7	56.4	56.1	65.1	67.3	74.4	76.5	79.4	80.3	78.3	76.6	70.6	66.2	58.6	60.0	44.8	50.8	34.6	37.2	55.1	55.9
Lynchburg, Va.	33.4	43.4	35.3	44.6	42.6	47.2	53.3	55.4	63.7	66.4	72.2	76.8	78.6	81.4	75.5	78.2	68.1	67.1	57.4	60.4	45.2	48.4	36.6	42.0	56.0	59.5
Norfolk, Va.	35.3	45.0	38.3	45.4	45.4	46.9	55.6	54.2	65.9	65.4	73.1	75.7	76.1	77.8	74.3	74.2	67.9	65.2	57.2	61.7	45.2	47.6	37.3	40.6	56.0	58.1
Parkersburg, W. Va.	40.6	49.8	42.7	50.3	48.2	50.9	56.8	58.8	66.2	67.2	74.4	75.8	78.1	81.7	77.4	78.8	71.6	71.9	62.5	66.7	51.4	52.8	43.1	47.5	59.5	62.7
Lexington, Ky.	32.5	41.2	34.2	41.5	42.8	43.9	53.4	51.3	63.8	64.6	71.4	74.3	75.4	78.9	73.9	74.5	67.3	62.8	56.1	61.5	43.8	45.2	35.2	39.0	54.2	56.6
Charlottesville, N. C.	32.9	41.2	35.4	40.6	43.7	44.2	54.3	51.8	64.3	65.7	72.2	75.3	75.9	79.6	74.5	74.9	68.5	64.0	57.4	61.4	44.8	44.2	35.8	40.0	55.0	56.9
Wilmington, N. C.	41.2	51.6	43.9	51.1	50.4	53.1	59.8	59.0	68.9	70.4	75.5	77.9	78.4	81.2	77.1	77.6	71.5	70.0	61.7	65.8	50.6	50.6	43.0	45.2	60.2	62.8
Charleston, S. C.	46.5	56.7	47.9	55.8	53.3	55.2	62.0	61.0	70.8	70.8	76.8	77.9	79.1	81.7	77.6	80.2	73.1	73.2	65.3	69.5	56.0	54.6	49.1	51.0	63.1	65.8
	49.9	50.9	52.4	58.9	57.4	57.8	64.5	65.6	72.7	73.3	78.9	78.6	81.4	82.8	81.0	81.3	76.6	75.4	67.8	71.3	58.1	57.2	51.7	53.9	66.0	67.2

Greenville, S. C.	40.3	50.8	43.3	49.9	49.9	52.6	58.6	58.2	67.2	69.3	74.1	76.0	76.9	79.6	75.8	75.9	70.6	68.8	60.2	65.6	49.6	49.0	42.2	44.3	59.1	61.6
Atlanta, Ga.	42.5	52.2	45.3	51.7	52.0	53.2	61.1	58.9	70.3	71.0	76.7	75.4	79.1	79.7	78.0	77.9	72.8	70.0	62.7	66.0	51.5	49.0	42.2	45.9	61.4	63.1
Thomasville, Ga.	51.0	60.9	55.0	62.0	60.2	60.1	66.7	66.9	74.0	74.3	79.5	77.9	81.8	79.8	81.0	79.2	76.8	75.4	68.2	72.5	58.5	56.3	52.5	56.5	67.1	68.5
Jacksonville, Fla.	55.4	63.4	58.0	65.7	62.6	63.4	68.7	69.9	75.0	76.0	79.9	80.2	82.1	82.6	81.7	82.3	78.3	79.1	71.1	75.6	62.2	59.9	56.3	60.2	69.3	71.5
Miami, Fla.	67.9	71.0	68.0	73.3	70.3	69.9	73.9	75.2	77.2	77.5	80.0	79.5	81.8	81.3	82.1	81.4	80.9	81.2	78.0	78.6	72.5	68.8	69.1	70.9	76.1	75.7
Memphis, Tenn.	40.9	45.2	44.3	46.5	52.3	51.6	61.8	59.8	70.6	73.1	77.6	78.4	80.7	81.9	79.4	79.2	73.6	69.9	63.3	65.3	51.7	53.3	43.6	48.1	61.6	63.5
Nashville, Tenn.	38.6	46.6	41.6	45.0	49.2	49.5	59.0	56.9	68.2	69.7	75.6	76.7	79.1	81.2	77.8	77.2	71.8	68.2	61.0	64.2	49.0	48.1	41.0	43.4	59.3	60.6
Birmingham, Ala.	45.1	53.5	48.0	52.3	55.4	53.5	63.0	62.0	71.1	73.4	77.9	78.5	80.2	81.7	79.2	80.0	74.8	73.8	64.8	71.1	53.9	55.4	46.4	50.4	63.3	63.8
Mobile, Ala.	61.5	59.4	54.7	61.0	59.0	60.1	66.3	63.0	74.4	76.0	80.3	80.9	81.4	81.7	81.0	82.3	78.1	77.7	69.3	74.7	58.6	58.5	52.2	57.1	67.3	69.7
Meridian, Miss.	47.0	55.5	49.6	54.4	57.1	56.7	64.0	63.1	71.3	73.3	78.1	79.3	80.4	81.3	79.5	80.5	74.5	74.1	64.3	70.2	54.2	52.8	47.7	50.5	64.0	66.0
Vicksburg, Miss.	48.2	51.8	51.8	51.9	58.5	55.0	65.6	62.0	72.9	72.2	79.0	78.4	81.3	80.9	80.8	79.7	76.3	73.7	66.7	67.9	56.6	53.5	50.0	50.2	65.6	66.6
New Orleans, La.	54.2	60.9	57.3	62.7	62.8	62.7	68.8	68.3	75.4	78.3	80.6	82.5	82.4	82.8	82.2	83.1	79.2	79.0	71.0	75.9	61.6	62.0	55.6	59.0	69.3	71.4
Shreveport, La.	46.0	48.3	49.9	53.1	57.3	57.5	64.8	64.2	72.6	75.7	80.0	80.6	83.2	83.7	81.7	81.1	75.9	75.4	65.6	67.4	55.0	58.3	48.1	51.3	65.0	66.6
Amarillo, Texas.	33.1	26.7	36.1	39.2	46.7	46.7	53.8	53.9	62.1	64.8	71.4	73.6	75.9	78.2	74.6	74.8	67.8	68.2	55.8	57.8	43.8	52.8	35.5	38.5	54.6	56.0
Brownsville, Texas.	59.8	59.1	62.6	66.1	68.2	70.2	73.7	72.8	82.6	80.7	82.4	83.6	83.6	83.9	83.9	80.6	80.6	82.3	74.9	76.9	67.2	68.8	61.2	66.7	73.1	74.7
El Paso, Texas.	45.0	36.1	49.0	48.2	56.8	56.9	63.4	62.1	71.5	72.5	79.6	80.6	81.1	81.7	79.2	80.1	73.9	74.7	63.5	62.7	52.7	55.7	44.9	44.0	63.3	63.0
Fort Worth, Texas.	44.8	54.0	56.3	58.8	62.4	63.2	68.7	65.9	74.8	77.8	80.7	82.5	83.4	83.0	83.0	82.4	80.1	80.6	72.7	73.4	63.3	65.1	56.4	59.6	69.6	70.5
Galveston, Texas.	53.3	46.5	55.4	57.4	62.8	62.3	69.1	64.6	75.1	78.4	81.0	81.1	83.8	83.6	83.5	82.5	79.0	80.8	70.5	70.6	60.3	62.7	53.7	55.9	68.9	68.9
San Antonio, Texas.	52.3	36.4	39.6	40.7	50.0	50.0	59.8	59.9	67.7	71.4	76.0	78.7	80.6	83.0	79.7	79.0	72.8	69.9	61.5	62.1	48.8	55.0	39.3	42.3	59.4	60.2
Oklahoma City, Okla.	41.4	43.6	44.9	48.2	53.0	52.1	62.1	62.0	70.3	73.1	77.4	78.5	80.9	82.2	79.0	74.1	70.1	63.6	64.4	52.1	54.1	44.2	45.9	62.0	62.8	
Little Rock, Ark.	12.9	3.3	13.6	7.4	27.1	28.9	43.7	51.8	53.4	59.7	62.0	63.9	68.3	70.3	65.4	72.5	56.4	58.0	44.5	42.9	31.2	42.9	20.4	10.9	41.6	42.7
Havre, Montana.	20.4	6.6	23.3	19.9	32.9	31.0	43.6	47.0	51.4	57.0	57.7	59.3	64.1	65.3	62.8	65.1	53.5	55.5	43.5	40.8	32.4	38.4	24.9	24.3	42.5	42.5
Miles City, Montana.	25.5	14.1	27.3	25.5	33.1	32.3	40.9	44.6	50.3	51.9	60.7	59.7	66.7	68.8	65.6	67.0	57.0	57.8	44.8	43.7	34.8	45.3	28.5	27.5	44.6	44.8
Kalispell, Montana.	19.3	7.4	22.6	17.9	31.4	31.4	43.3	49.9	52.0	56.1	61.5	61.8	68.4	71.2	66.5	72.7	56.3	57.4	44.4	42.5	32.7	45.4	22.8	21.8	43.4	44.6
Cheyenne, Wyoming.	29.9	20.4	32.9	33.3	41.6	42.6	50.1	51.3	59.2	60.9	69.0	68.3	74.2	75.7	72.7	73.1	64.6	65.7	52.0	51.5	39.4	47.4	31.5	33.0	51.4	51.9
Sheridan, Wyoming.	24.0	18.9	32.9	20.3	43.6	42.9	52.4	54.1	61.1	61.1	71.4	69.1	77.7	77.7	73.3	75.4	66.2	66.2	52.8	51.1	39.3	44.4	27.5	29.4	52.0	50.9
Pueblo, Colorado.	39.2	30.5	40.5	36.7	45.9	47.1	54.0	55.0	63.3	63.4	72.6	72.1	76.7	77.1	73.9	74.5	67.9	70.4	56.6	55.0	43.3	48.2	34.5	32.7	55.3	55.2
Grand Junction, Colorado.	34.1	28.5	42.5	43.2	51.3	53.4	60.6	57.7	69.4	69.7	76.3	76.6	78.9	79.8	76.6	76.6	70.3	70.9	59.5	57.3	48.1	52.5	41.2	39.9	59.5	58.8
Albuquerque, N. Mex.	51.2	44.7	55.1	52.8	60.7	60.5	67.0	71.7	75.0	76.8	84.5	86.4	89.8	91.0	88.5	88.7	82.7	87.0	70.6	70.0	59.7	66.2	52.0	52.9	69.7	70.7
Roswell, N. Mex.	26.7	9.1	31.0	16.8	38.2	34.3	46.0	50.1	53.5	54.0	63.3	62.2	70.6	70.5	69.2	67.2	60.0	62.9	48.0	47.0	36.4	42.8	28.1	23.9	47.6	45.1
Phoenix, Arizona.	27.5	15.8	32.1	26.8	40.0	43.8	47.9	55.4	55.7	57.0	65.7	68.0	74.0	73.8	72.8	77.5	62.7	69.0	50.8	49.7	39.4	47.3	30.2	32.7	49.9	52.1
Modena, Utah.	28.6	9.1	33.5	28.7	40.0	39.6	46.7	51.9	53.9	57.4	62.8	65.3	70.6	73.7	69.3	71.0	59.2	62.0	48.3	44.7	38.4	43.3	30.3	28.2	48.4	47.9
Salt Lake City, Utah.	28.0	10.3	33.6	30.7	41.4	43.2	49.2	53.4	56.1	61.5	64.5	65.7	72.4	74.4	71.0	73.7	61.2	65.6	50.1	46.5	39.7	44.6	30.3	31.1	49.8	50.1
Winnemucca, Nev.	38.9	31.5	41.9	39.0	45.8	47.0	50.4	52.0	55.6	58.9	60.8	60.6	64.8	63.7	64.3	64.7	59.2	61.3	52.3	49.3	45.7	50.3	40.7	40.4	51.7	51.5
Boise, Idaho.	32.7	17.6	37.1	35.6	46.1	44.7	53.1	56.9	59.6	64.7	66.5	67.6	74.0	74.1	72.7	74.0	63.8	66.2	53.5	50.7	42.9	47.9	35.5	38.6	53.1	53.2
Seattle, Washington.	39.4	30.8	42.1	41.4	46.9	48.1	51.8	54.7	56.9	61.3	62.4	63.6	66.7	67.1	66.7	67.8	61.7	65.8	54.2	51.0	46.8	52.8	41.2	42.6	53.1	53.9
Walla Walla, Wash.	41.2	32.2	43.3	43.0	47.1	48.6	51.0	54.7	56.0	60.2	62.5	63.8	67.4	68.0	68.0	67.4	62.9	64.4	53.9	50.7	45.9	51.7	41.8	41.8	53.4	53.9
Portland, Oregon.	40.9	40.3	47.2	45.6	48.3	49.9	49.9	50.6	52.0	53.7	54.3	54.1	55.5	54.8	56.0	56.8	55.9	56.6	53.6	50.7	51.1	54.5	48.2	44.7	51.6	51.3
Roseburg, Oregon.	41.2	32.2	43.3	43.0	47.1	48.6	51.0	54.7	56.0	60.2	62.5	63.8	67.4	68.0	68.0	67.4	62.9	64.4	53.9	50.7	45.9	51.7	41.8	41.8	53.4	53.9
Eureka, Calif.	46.9	40.3	47.2	45.6	48.3	49.9	49.9	50.6	52.0	53.7	54.3	54.1	55.5	54.8	56.0	56.8	55.9	56.6	53.6	50.7	51.1	54.5	48.2	44.7	51.6	51.3
Fresno, Calif.	45.5	39.7	50.3	47.2	54.4	54.5	60.2	65.6	62.2	68.6	75.7	78.5	81.3	81.2	79.5	78.7	72.0	75.2	62.3	62.6	52.4	57.5	45.1	44.1	62.2	62.6
Los Angeles, Calif.	54.6	46.9	55.5	52.7	57.5	56.1	59.4	63.3	62.2	64.3	66.4	69.7	70.2	71.8	71.1	73.7	69.0	72.9	65.3	66.2	60.9	67.2	56.6	55.7	62.4	63.4
Sacramento, Calif.	45.8	39.4	50.1	46.6	54.3	53.3	58.1	62.5	63.3	64.3	69.4	72.9	73.2	74.2	72.9	72.2	69.3	72.3	62.9	62.6	53.6	57.1	46.2	44.8	59.9	60.2
San Diego, Calif.	54.0	47.8	55.1	52.7	57.0	56.2	59.0	61.3	61.3	63.0	65.0	67.2	68.5	69.4	69.8	70.2	68.2	70.0	64.1	64.3	59.3	64.7	55.5	54.9	61.4	61.8
San Francisco, Calif.	49.9	44.7	52.2	48.3	54.2	53.3	55.0	55.6	56.8	56.7	58.5	58.8	58.5	57.6	59.1	59.4	60.9	62.5	60.5	58.5	56.3	59.8	51.3	50.6	56.1	55.5

<sup>1</sup> Normals are based on records of 30 or more years of observations. 1949 means are based on means of the daily temperature extremes.

Weather Bureau, Department of Commerce.

TABLE 806.—Frost: Dates of killing frosts, 1949, with length of growing season

Station	Date of last freeze in spring	Date of first freeze in fall	Averages and extremes of killing frost <sup>1</sup>				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Greenville, Maine.....	June 10	Sept. 7	June 23	May 27	Aug. 24	Sept. 18	Days 114
Portland, Maine.....	May 16	Sept. 26	June 20	Apr. 23	Sept. 11	Oct. 16	177
Concord, N. H.....	May 30	do.....	June 5	May 5	Sept. 6	Oct. 3	151
Burlington, Vt.....	May 11	Oct. 2	May 23	May 3	Sept. 15	Oct. 8	158
Boston, Mass.....	Mar. 21	Nov. 6	May 19	Apr. 17	Sept. 26	Oct. 24	190
Hartford, Conn.....	Apr. 29	Oct. 28	do.....	Apr. 19	Sept. 11	Oct. 17	181
Albany, N. Y.....	May 21	Oct. 2	May 30	Apr. 25	Sept. 15	Oct. 15	173
Buffalo, N. Y.....	May 11	Oct. 31	May 23	Apr. 26	Oct. 3	Oct. 23	180
Canton, N. Y.....	do.....	Oct. 1	June 2	May 5	Sept. 11	Sept. 30	147
Setauket, N. Y.....	Mar. 21	Nov. 22	May 17	Apr. 12	Oct. 19	Nov. 8	210
Syracuse, N. Y.....	May 11	Oct. 25	May 16	Apr. 25	Sept. 21	Oct. 21	179
Atlantic City, N. J.....	Mar. 20	Nov. 22	Apr. 30	Apr. 10	Oct. 1	Nov. 5	209
Trenton, N. J.....	Mar. 21	Nov. 19	May 17	do.....	Sept. 22	Nov. 2	206
Erie, Pa.....	Apr. 17	Nov. 17	do.....	Apr. 20	Oct. 7	Nov. 1	195
Harrisburg, Pa.....	Apr. 5	Nov. 6	May 12	Apr. 10	Sept. 28	Oct. 28	201
Pittsburgh, Pa.....	Apr. 17	Nov. 2	May 29	Apr. 28	Sept. 19	Oct. 18	173
Seranton, Pa.....	Apr. 29	Oct. 28	May 15	Apr. 21	Sept. 14	Oct. 14	176
Cincinnati, Ohio.....	Apr. 20	Oct. 27	May 9	Apr. 10	Sept. 29	Oct. 24	197
Cleveland, Ohio.....	Apr. 25	do.....	May 21	Apr. 17	Oct. 2	Nov. 3	200
Columbus, Ohio.....	do.....	do.....	May 17	Apr. 21	Sept. 21	Oct. 18	180
Dayton, Ohio.....	Apr. 17	Nov. 1	May 25	Apr. 16	Sept. 30	Oct. 21	188
Toledo, Ohio.....	Apr. 25	Oct. 27	May 30	Apr. 23	Sept. 9	Oct. 18	178
Evansville, Ind.....	Mar. 20	Oct. 31	Apr. 26	Apr. 3	Sept. 28	Oct. 29	209
Fort Wayne, Ind.....	Apr. 19	Oct. 25	May 28	Apr. 17	Sept. 14	Oct. 22	188
Indianapolis, Ind.....	do.....	Oct. 27	May 25	Apr. 16	Sept. 21	Oct. 21	188
Cairo, Ill.....	Mar. 19	Nov. 1	Apr. 30	Mar. 29	Sept. 30	Oct. 30	215
Chicago, Ill.....	Apr. 19	Oct. 25	May 25	Apr. 16	Sept. 20	Oct. 21	188
Peoria, Ill.....	do.....	Sept. 29	May 11	Apr. 15	Sept. 26	Oct. 20	188
Springfield, Ill.....	do.....	Oct. 25	May 25	do.....	Sept. 25	Oct. 19	187
Alpena, Mich.....	Apr. 28	do.....	June 9	May 12	Sept. 6	Oct. 4	145
Detroit, Mich.....	Apr. 17	Oct. 27	May 31	Apr. 27	Sept. 20	Oct. 16	172
Grand Rapids, Mich.....	May 11	Sept. 29	May 30	May 1	Sept. 25	Oct. 17	169
Lansing, Mich.....	do.....	do.....	May 28	May 2	Sept. 8	Oct. 11	162
Ludington, Mich.....	June 8	Oct. 25	June 17	May 10	Sept. 4	Oct. 16	159
Marquette, Mich.....	May 20	Oct. 24	June 6	May 12	Sept. 5	Oct. 10	151
Green Bay, Wis.....	May 28	Sept. 28	May 30	May 5	Sept. 16	Oct. 9	156
La Crosse, Wis.....	Apr. 24	do.....	June 4	Apr. 29	Sept. 10	Oct. 10	164
Madison, Wis.....	May 10	Sept. 24	May 25	Apr. 25	Sept. 16	Oct. 17	175
Milwaukee, Wis.....	Apr. 25	Oct. 24	May 29	do.....	Sept. 25	Oct. 19	177
Duluth, Minn.....	May 24	Sept. 28	June 8	May 10	Sept. 10	Oct. 4	147
Minneapolis, Minn.....	Apr. 24	Oct. 22	May 20	Apr. 26	Sept. 13	Oct. 11	168
Charles City, Iowa.....	do.....	Sept. 29	May 21	Apr. 28	Sept. 12	Oct. 5	160
Des Moines, Iowa.....	Apr. 19	do.....	May 31	Apr. 19	Sept. 13	Oct. 11	188
Dubuque, Iowa.....	do.....	Oct. 26	May 21	do.....	Sept. 25	Oct. 16	180
Columbia, Mo.....	do.....	do.....	May 9	Apr. 11	Sept. 18	Oct. 19	191
St. Joseph, Mo.....	Apr. 16	do.....	Apr. 28	Apr. 7	Sept. 26	Oct. 20	196
St. Louis, Mo.....	Apr. 19	Oct. 27	May 22	Apr. 3	Sept. 28	Oct. 29	209
Springfield, Mo.....	do.....	Oct. 31	May 19	Apr. 9	Sept. 27	Oct. 25	199
Bismarck, N. Dak.....	May 24	Sept. 13	June 7	May 10	Aug. 23	Sept. 22	135
Devils Lake, N. Dak.....	do.....	Sept. 14	June 4	May 15	Aug. 22	Sept. 24	132
Williston, N. Dak.....	May 23	Sept. 12	June 16	do.....	Sept. 3	Sept. 22	130
Fargo, N. Dak.....	May 24	Sept. 14	June 8	May 12	Aug. 25	Sept. 26	137
Huron, S. Dak.....	Apr. 24	do.....	June 21	May 6	Aug. 23	Sept. 29	146
Pierre, S. Dak.....	Apr. 19	Sept. 28	May 24	Apr. 30	Sept. 12	Oct. 6	159
Rapid City, S. Dak.....	May 24	Sept. 12	May 30	May 2	Sept. 13	Oct. 3	154
North Platte, Neb.....	Apr. 18	Sept. 13	May 29	May 1	Sept. 10	Oct. 5	157
Omaha, Neb.....	do.....	Sept. 29	May 19	Apr. 16	Sept. 18	Oct. 17	184
Valentine, Neb.....	do.....	Sept. 13	June 21	May 5	Sept. 11	Oct. 3	151
Concordia, Kans.....	Apr. 1	Oct. 30	May 19	Apr. 17	Sept. 27	Oct. 16	182
Dodge City, Kans.....	Apr. 15	Oct. 22	May 27	Apr. 16	Sept. 23	Oct. 21	188
Wichita, Kans.....	Apr. 2	Oct. 31	May 15	Apr. 8	do.....	Oct. 24	199
Washington, D. C.....	Mar. 20	Nov. 6	May 12	Apr. 10	Oct. 2	Oct. 26	199
Lynchburg, Va.....	Apr. 17	do.....	May 17	Apr. 9	do.....	Oct. 27	201
Norfolk, Va.....	Mar. 19	Nov. 23	Apr. 26	Mar. 23	Oct. 11	Nov. 18	240
Richmond, Va.....	Mar. 20	Nov. 6	do.....	Mar. 29	Oct. 12	Nov. 2	218
Wytheville, Va.....	Apr. 25	Nov. 4	May 27	Apr. 17	Sept. 19	Oct. 14	180
Elkins, W. Va.....	May 30	Sept. 25	May 26	May 1	Sept. 20	Oct. 12	164
Parkersburg, W. Va.....	Apr. 17	Oct. 27	May 22	Apr. 18	Sept. 29	Oct. 18	183
Asheville, N. C.....	Apr. 20	Nov. 4	May 10	Apr. 11	Oct. 2	Oct. 23	195
Charlotte, N. C.....	Mar. 19	Nov. 6	Apr. 26	Mar. 24	Oct. 8	Nov. 7	228
Raleigh, N. C.....	Mar. 20	do.....	do.....	Mar. 26	do.....	Nov. 6	225
Wilmington, N. C.....	Mar. 16	Nov. 19	Apr. 21	Mar. 18	Oct. 16	Nov. 15	242
Charleston, S. C.....	Jan. 1	None.....	Apr. 6	Mar. 2	Oct. 28	Nov. 29	272
Columbia, S. C.....	Mar. 16	Nov. 6	Apr. 17	Mar. 17	Oct. 18	Nov. 18	246
Greenville, S. C.....	Apr. 17	do.....	Apr. 24	Mar. 26	Oct. 10	Nov. 6	225

See footnotes at end of table.

TABLE 806.—*Frost: Dates of killing frosts, 1949, with length of growing season*  
—Continued

Station	Date of last freeze in spring	Date of first freeze in fall	Averages and extremes of killing frost <sup>1</sup>				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Atlanta, Ga.	Mar. 19	Nov. 4	Apr. 17	Mar. 24	Oct. 11	Nov. 13	<i>Days</i> 234
Augusta, Ga.	Mar. 16	Nov. 22	do.	Mar. 13	Oct. 21	Nov. 15	247
Macon, Ga.	Mar. 19	Nov. 19	Apr. 18	Mar. 14	Oct. 24	Nov. 16	247
Savannah, Ga.	Jan. 1	Nov. 19	Apr. 13	Feb. 26	Oct. 25	Nov. 26	273
Thomasville, Ga.	Mar. 2	Nov. 7	Apr. 26	Mar. 7	Oct. 21	Nov. 20	258
Apalachicola, Fla.	Jan. 1	None	Mar. 23	Feb. 10	Nov. 13	Dec. 14	307
Avon Park, Fla.	do.	None	Mar. 14	(?)	Nov. 28	(?)	365
Jacksonville, Fla.	do.	Dec. 6	Apr. 10	Feb. 16	Nov. 12	Dec. 8	295
Miami, Fla.	None	None	Mar. 9	Jan. 11	Nov. 21	Dec. 29	352
Tampa, Fla.	None	None	Mar. 19	(?)	Nov. 16	(?)	344
Chattanooga, Tenn.	Apr. 17	Nov. 4	May 15	Mar. 26	Sept. 30	Nov. 5	224
Knoxville, Tenn.	do.	do.	Apr. 26	Apr. 1	Oct. 1	Oct. 30	212
Memphis, Tenn.	Mar. 19	Nov. 22	Apr. 25	Mar. 20	Oct. 2	Nov. 6	231
Nashville, Tenn.	Apr. 19	Nov. 1	Apr. 24	Mar. 30	Oct. 7	Oct. 29	213
Birmingham, Ala.	Mar. 20	Nov. 3	Apr. 17	Mar. 16	Oct. 18	Nov. 10	239
Mobile, Ala.	Feb. 1	Dec. 16	Apr. 13	Feb. 16	Oct. 31	Dec. 7	294
Montgomery, Ala.	Mar. 16	Nov. 22	do.	Mar. 5	Oct. 21	Nov. 15	255
New Orleans, La.	Feb. 1	None	Mar. 27	Jan. 26	Nov. 11	Dec. 19	327
Shreveport, La.	Feb. 7	Nov. 1	Apr. 13	Mar. 7	Oct. 20	Nov. 10	248
Abilene, Tex.	Mar. 18	Dec. 15	Apr. 23	Mar. 25	Oct. 19	Nov. 13	233
Amarillo, Tex.	Apr. 5	Oct. 24	May 7	Apr. 14	Oct. 16	Nov. 1	201
Brownsville, Tex.	Jan. 31	None	Mar. 14	Jan. 23	Nov. 13	Dec. 25	336
Corpus Christi, Tex.	do.	None	Mar. 19	Jan. 25	Nov. 15	Dec. 27	336
Del Rio, Tex.	Feb. 1	Dec. 23	Mar. 27	Feb. 21	Oct. 27	Dec. 11	293
El Paso, Tex.	Mar. 2	Nov. 13	Apr. 26	Mar. 19	Oct. 23	Nov. 16	242
Ft. Worth Tex.	Mar. 18	Nov. 22	Apr. 19	Mar. 11	Oct. 22	Nov. 25	259
Galveston, Tex.	Jan. 31	None	Mar. 19	Jan. 19	Nov. 16	Dec. 26	341
Palestine, Tex.	Feb. 7	Dec. 16	Apr. 5	Mar. 8	Oct. 20	Nov. 20	257
San Antonio, Tex.	Feb. 1	Dec. 15	do.	Feb. 24	Oct. 30	Nov. 30	279
Taylor, Tex.	Feb. 7	Dec. 23	Apr. 13	Mar. 7	do.	Nov. 26	264
Oklahoma City, Okla.	Mar. 18	Oct. 31	Apr. 30	Mar. 28	Oct. 7	Nov. 6	223
Ft. Smith, Ark.	Mar. 19	do.	Apr. 17	Mar. 23	Oct. 9	do.	228
Little Rock, Ark.	do.	Nov. 1	Apr. 10	Mar. 17	Oct. 22	Nov. 14	242
Havre, Mont.	Apr. 23	Sept. 13	June 6	May 12	Aug. 25	Sept. 22	133
Helena, Mont.	May 23	Sept. 10	June 9	May 6	do.	Sept. 29	146
Kalispell, Mont.	May 5	do.	June 7	May 4	Sept. 6	Oct. 1	150
Miles City, Mont.	Apr. 23	Sept. 13	May 31	May 1	Sept. 7	Oct. 3	155
Cheyenne, Wyo.	May 8	Oct. 8	June 13	May 16	Aug. 25	Sept. 28	135
Lander, Wyo.	May 18	Sept. 13	June 20	May 18	Aug. 23	Sept. 18	123
Sheridan, Wyo.	May 1	Sept. 12	June 2	May 14	Aug. 25	Sept. 22	131
Denver, Colo.	Apr. 15	Oct. 11	June 6	May 1	Sept. 12	Oct. 12	164
Grand Junction, Colo.	do.	do.	May 17	Apr. 14	Sept. 14	Oct. 22	191
Pueblo, Colo.	Apr. 16	do.	June 2	Apr. 23	Sept. 12	Oct. 17	177
Roswell, N. Mex.	Apr. 5	Oct. 25	May 17	Apr. 7	Oct. 10	Oct. 30	206
Albuquerque, N. Mex.	Apr. 10	Oct. 20	May 27	Apr. 20	Sept. 18	Oct. 23	186
Flagstaff, Ariz.	June 3	Oct. 8	June 23	May 29	Sept. 9	Sept. 29	123
Phoenix, Ariz.	Feb. 16	Dec. 11	Mar. 31	Feb. 5	Nov. 5	Dec. 6	303
Tucson, Ariz.	Mar. 9	do.	May 3	Mar. 19	Oct. 16	Nov. 19	245
Yuma, Ariz.	Jan. 31	Dec. 12	Mar. 15	Jan. 16	Nov. 19	Dec. 23	341
Modena, Utah	May 20	Oct. 8	July 13	May 20	Sept. 5	Oct. 3	136
Salt Lake City, Utah	Apr. 15	Oct. 19	May 13	Apr. 24	Sept. 18	Oct. 19	178
Reno, Nev.	June 1	Sept. 18	June 25	May 11	Sept. 6	Oct. 8	150
Winnemucca, Nev.	May 6	Sept. 17	June 22	do.	Aug. 22	Sept. 28	140
Boise, Idaho	May 4	Oct. 9	June 16	Apr. 25	Sept. 11	Oct. 14	172
Lewiston, Idaho	Apr. 3	Oct. 8	May 10	Apr. 4	Sept. 21	Oct. 25	204
Pocatello, Idaho	Apr. 26	Sept. 12	June 1	Apr. 29	Sept. 8	Oct. 6	160
Seattle, Wash.	Mar. 31	Oct. 19	May 2	Apr. 10	Oct. 27	Nov. 10	214
Spokane, Wash.	May 4	Oct. 8	June 8	Apr. 14	Sept. 7	Oct. 14	183
Walla Walla, Wash.	Mar. 29	Oct. 17	May 9	Mar. 30	Sept. 24	Nov. 4	219
Baker, Oreg.	June 30	Sept. 12	June 23	May 13	Aug. 30	Sept. 25	135
Portland, Oreg.	Apr. 3	Oct. 18	May 2	Mar. 11	Oct. 13	Nov. 23	257
Roseburg, Oreg.	do.	do.	May 24	Apr. 4	Sept. 24	Nov. 9	210
Eureka, Calif.	Feb. 13	Dec. 11	Apr. 8	Mar. 16	Nov. 7	Dec. 18	277
Fresno, Calif.	Feb. 15	Oct. 19	Apr. 14	Feb. 15	Oct. 31	Dec. 1	289
Independence, Calif.	Mar. 30	do.	May 24	Apr. 11	Sept. 24	Oct. 30	202
Los Angeles, Calif.	Jan. 10	None	Feb. 17	Jan. 3	Nov. 2	Dec. 29	360
Red Bluff, Calif.	Feb. 16	Dec. 10	May 9	Mar. 9	Oct. 29	Dec. 2	268
Redding, Calif.	Feb. 14	Dec. 11	May 1	Feb. 24	Oct. 17	Dec. 5	284
Sacramento, Calif.	Feb. 17	do.	May 7	Feb. 10	Oct. 28	Dec. 9	302
San Bernardino, Calif.	Feb. 16	do.	Apr. 23	Mar. 17	Oct. 2	Nov. 23	251
San Diego, Calif.	Jan. 5	None	Jan. 31	(?)	Dec. 25	(?)	365
San Francisco, Calif.	Feb. 14	Dec. 12	Mar. 27	Jan. 9	Dec. 4	Dec. 29	354

<sup>1</sup> Based on data from beginning of record through 1948.<sup>2</sup> Frosts do not occur every year.

Weather Bureau, Department of Commerce.



TABLE 807.—*Fish: Catch and disposition of catch in commercial fisheries, United States and Alaska, 1929-49 (round weight)*

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1929.....	3,567	1,352	1,285	150	779
1930.....	3,287	1,389	1,077	145	676
1931.....	2,657	1,121	962	130	444
1932.....	2,614	1,032	787	140	655
1933.....	2,933	1,012	991	135	795
1934.....	4,058	1,087	1,293	130	1,548
1935.....	4,066	1,250	1,220	130	1,466
1936.....	4,760	1,321	1,459	135	1,845
1937.....	4,353	1,339	1,356	130	1,528
1938.....	4,253	1,355	1,234	130	1,534
1939.....	4,443	1,366	1,281	130	1,666
1940.....	4,060	1,461	1,280	130	1,189
1941.....	5,080	1,660	1,645	125	1,650
1942.....	3,877	1,407	1,230	115	1,125
1943.....	4,202	1,495	1,165	114	1,428
1944.....	4,500	1,585	1,225	110	1,580
1945.....	4,575	1,846	1,230	110	1,389
1946.....	4,456	1,674	1,277	100	1,405
1947.....	4,368	1,569	1,384	100	1,315
1948 <sup>1</sup> .....	4,575	1,668	1,459	100	1,348
1949 <sup>1</sup> .....	4,900	1,800	1,585	100	1,415

<sup>1</sup> Preliminary.

Fish and Wildlife Service, Department of the Interior.

TABLE 808.—*Canned fishery products: Production and value, United States and Alaska, 1940-49*PRODUCTION<sup>1</sup>

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mackerel	Shrimp	Clam products <sup>1</sup>	Oysters	Other products <sup>1</sup>	Total
		Maine	California							
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1940.....	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101	681,194
1941.....	375,918	63,565	225,322	61,563	42,075	16,468	25,271	9,190	66,590	885,962
1942.....	280,080	55,219	168,508	52,500	32,454	14,450	21,331	7,326	28,474	660,342
1943.....	273,802	47,772	150,961	56,563	42,176	9,907	12,197	4,842	22,660	620,880
1944.....	246,655	61,627	164,291	70,185	55,128	8,425	13,661	3,830	34,858	658,660
1945.....	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217	646,386
1946.....	216,488	61,315	133,973	93,888	43,297	7,832	40,493	5,472	96,618	699,376
1947.....	270,793	57,544	74,367	117,469	78,973	7,085	36,136	5,747	106,019	754,133
1948.....	231,598	62,135	119,437	130,682	57,654	8,383	32,795	4,999	125,525	782,208
1949.....	265,196	62,413	169,570	138,645	47,247	9,971	31,112	6,341	124,520	855,015

## VALUE

	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1940.....	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969	94,182
1941.....	67,417	12,476	18,092	19,398	3,504	4,883	3,711	2,997	6,206	138,684
1942.....	61,974	11,692	15,510	30,742	3,693	7,347	3,791	3,599	6,649	144,997
1943.....	62,935	10,686	14,352	31,430	5,271	5,361	2,802	2,822	5,530	141,180
1944.....	56,383	14,224	15,226	40,836	7,034	4,855	3,821	2,283	8,252	152,014
1945.....	52,586	11,520	15,346	47,407	4,047	1,919	7,391	2,030	10,555	152,801
1946.....	70,161	19,549	19,896	59,136	7,575	8,429	11,145	5,249	26,489	227,629
1947.....	120,639	27,678	16,538	90,609	15,019	8,192	8,642	4,259	19,104	310,680
1948.....	120,537	26,922	21,893	112,612	9,851	7,791	8,330	4,778	23,467	336,181
1949.....	103,431	21,052	21,335	96,040	6,849	11,203	8,779	6,525	20,290	295,504

<sup>1</sup> Represent the net weight of canned products. In the classifications "Clam products" and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.

Fish and Wildlife Service, Department of the Interior.

Data for 1938-39 in Agricultural Statistics, 1947, table 770.



TABLE 809.—*Fresh and frozen packaged fish:*<sup>1</sup> *Production and value, by principal species, United States, 1929–49*

Year	Cod		Flounders		Haddock		Rosefish		Whiting <sup>2</sup>		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1929.....	3,485	601	923	221	71,367	12,732					8,622	1,259	84,397	14,813
1930.....	6,602	971	978	191	62,146	9,844					8,103	1,271	77,829	12,277
1931.....	8,721	1,118	1,494	289	42,311	6,152					12,548	1,893	65,074	9,452
1932 <sup>3</sup> .....	7,786	857	1,687	266	33,401	3,357					9,101	1,262	51,975	5,742
1933.....	11,577	1,242	3,756	568	35,149	3,457					12,250	1,700	62,732	6,967
1934.....	15,239	1,677	4,648	722	36,666	3,801	4,550	4,55			23,003	2,746	80,106	9,001
1935.....	17,747	1,751	6,166	973	46,488	4,427	4,320	4,440			32,777	3,611	107,498	11,202
1936.....	17,896	1,895	5,850	906	41,187	4,266	15,521	1,514			32,902	3,566	113,358	12,147
1937.....	22,507	2,262	7,870	1,287	40,241	4,162	15,509	1,495			30,865	3,655	116,992	12,861
1938.....	21,189	2,025	8,115	1,253	41,453	3,428	19,152	1,568			32,464	3,679	129,976	12,315
1939.....	19,401	1,930	10,645	1,432	38,432	3,783	25,003	2,544	12,421	562	31,366	3,777	137,268	14,028
1940.....	14,541	1,760	11,245	1,542	36,747	4,479	22,997	2,272	13,256	561	30,634	3,731	129,420	14,345
1941.....	16,790	2,435	20,455	3,171	46,912	6,848	41,817	4,808	24,019	1,484	32,958	5,184	182,951	23,930
1942 <sup>4</sup> .....	12,930	2,778	24,869	5,867	41,875	9,661	37,680	6,907	24,583	2,240	31,425	6,538	173,362	33,991
1943 <sup>5</sup> .....	13,714	3,516	24,517	7,299	32,219	9,091	31,012	6,952	22,315	2,194	34,862	8,537	158,639	37,589
1944 <sup>5</sup> .....	22,083	6,461	18,073	5,423	38,403	10,597	34,531	7,745	18,510	1,955	40,694	9,659	172,294	40,820
1945 <sup>5</sup> .....	28,864	7,452	19,961	6,086	44,197	12,349	35,456	7,673	29,959	3,098	46,490	11,713	204,927	48,371
1946 <sup>5</sup> .....	18,132	4,747	21,900	6,877	42,441	12,987	49,507	11,710	22,129	2,168	34,371	7,794	188,480	46,283
1947.....	14,032	3,458	20,664	7,027	43,205	12,094	46,976	10,912	28,042	2,662	30,881	8,119	183,800	44,272
1948.....	13,879	3,490	23,466	8,102	42,219	11,853	67,696	14,408	5,122	784	36,915	9,005	189,297	47,642
1949.....	13,652	3,232	28,924	9,096	42,140	11,845	73,193	15,335	4,200	686	31,902	8,145	194,011	48,339

<sup>1</sup> Packaged fish represents production of fillets, steaks, and sticks by wholesale dealers.

<sup>2</sup> No production of this item is shown in the records from 1929 through 1937.

<sup>3</sup> Does not include the California production.

<sup>4</sup> Estimated.

<sup>5</sup> Production in California is not included. In 1941, the last year these data were available, the yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,031,740. Of this production 1,380,000 pounds, valued at \$226,200 were flounders, and 4,004,000 pounds, valued at \$805,540, were other fish.

Fish and Wildlife Service, Department of the Interior.

TABLE 810.—*Fishery products: United States imports for consumption, 1945-49*

Class and item	Unit of quantity	1945		1946 <sup>1</sup>		1947 <sup>1</sup>		1948 <sup>1</sup>		1949 <sup>1</sup>	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Edible fishery products:</b>											
Fresh or frozen:											
Fish, fresh-water and salt-water:											
Pike or pickerel.....	1,000 pounds.....	4,212	430	3,664	394	3,191	366	2,798	349	2,453	277
Sauger.....	do.....	6,137	798	5,383	923	3,895	718	1,932	380	2,723	337
Whitefish.....	do.....	13,362	3,415	12,654	3,528	11,371	2,984	10,998	3,338	13,738	3,992
Yellow pike.....	do.....	11,842	2,508	11,487	2,654	10,848	2,657	8,782	2,237	7,977	1,780
Cod, haddock, hake, pollock and cusk.....	do.....	9,233	676	6,370	430	2,196	199	5,278	502	4,176	389
Halibut.....	do.....	4,491	821	4,906	1,041	14,024	3,252	13,952	3,162	12,773	3,317
Salmon.....	do.....	6,572	1,690	9,323	2,817	22,007	5,332	23,962	7,159	24,747	5,658
Sea herring.....	do.....	60,789	951	93,396	1,479	79,582	1,268	67,190	1,611	38,268	823
Tuna.....	do.....	3,074	433	3,997	612	9,204	1,237	9,143	1,616	20,606	2,922
Filletted, skinned, and boned.....	do.....	55,015	11,721	61,245	12,919	43,889	9,092	67,167	14,919	65,819	13,813
Other.....	do.....	52,050	8,347	41,886	7,335	35,603	6,862	46,570	9,771	48,946	9,344
Shellfish:											
Clams.....	do.....	13,487	2,137	5,137	711	2,124	472	3,572	647	4,958	853
Lobsters.....	do.....	23,034	9,338	25,470	10,772	24,715	11,593	28,607	13,260	30,679	14,913
Shrimp.....	do.....	7,876	2,358	12,244	3,756	13,275	5,161	21,563	10,020	29,673	13,606
Other.....	do.....	1,661	618	1,933	804	4,999	1,227	5,235	1,289	6,131	1,867
Canned fish and shellfish:											
Anchovies.....	do.....	7,976	6,035	5,087	3,313	3,073	2,198	4,939	3,090	6,264	3,075
Sardines.....	do.....	5,609	2,948	29,778	10,442	23,049	7,677	31,156	10,737	23,023	7,499
Tuna and bonito.....	do.....	5,252	2,054	4,739	1,952	6,148	3,241	8,596	4,892	12,559	5,306
Lobster.....	do.....	2,536	2,964	2,433	3,866	1,214	1,446	2,712	3,231	2,106	2,610
Other.....	do.....	4,881	1,945	9,078	3,914	7,654	3,818	10,192	4,467	13,663	6,559
Cured fish, dried, pickled, salted, smoked or kippered.....	do.....	104,824	14,028	122,536	16,107	85,243	12,362	97,877	14,828	97,810	14,454
Other fish and shellfish.....	do.....	855	219	620	192	332	113	531	155	1,425	359
Total edible products.....	do.....	404,768	76,434	473,366	89,961	407,636	83,275	472,742	111,660	470,517	113,753
<b>Nonedible fishery products:</b>											
Livers (excluding viscera).....	do.....	4,151	1,544	3,719	1,672	2,926	1,654	2,870	1,899	3,062	1,794
Cod liver oil cake and meal.....	do.....	847	21	2,885	134	1,281	51	3,160	170	2,119	116
Fish and marine animal oils.....	1,000 gallons.....	5,004	9,791	4,187	11,382	4,669	11,179	10,809	23,226	6,127	12,578
Fish scrap and meal.....	1,000 tons.....	3	191	9	882	9	827	41	5,042	52	7,462
Other nonedible products.....	do.....	13,273	25,630	25,630	12,986	12,986	14,647	14,647	15,907	15,907	15,907
Total nonedible products.....	do.....	24,820	39,700	39,700	26,697	26,697	44,984	44,984	37,857	37,857	37,857
Grand total.....	do.....	101,254	129,661	129,661	109,972	109,972	156,644	156,644	151,610	151,610	151,610

<sup>1</sup> Preliminary.

Fish and Wildlife Service, Department of the Interior. Compiled from reports of the Department of Commerce.

TABLE 811.—Domestic fishery products: United States exports, 1945-49

Class and item	Unit of quantity	1945		1946 <sup>1</sup>		1947 <sup>1</sup>		1948 <sup>1</sup>		1949 <sup>1</sup>	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
<b>Edible fishery products:</b>											
Fresh or frozen:											
Fish:											
Salmon.....	1,000 pounds	856	140	127	44	593	217	130	58	2,172	340
Other.....	do.	743	136	1,428	203	1,653	303	3,019	402	2,483	345
Shellfish:											
Oysters in shell and shucked.....	do.	725	400	933	506	825	340	76	33	951	455
Shrimp.....	do.	291	108	410	208	501	307	493	296	555	364
Other.....	do.	124	61	240	107	605	147	758	268	682	144
Canned:											
Fish:											
Herring.....	do.	1,408	220	3,378	520	4,588	712	7,438	1,333	781	107
Salmon.....	do.	34,549	13,279	51,359	12,890	61,574	19,745	2,641	1,305	12,832	6,041
Sardines.....	do.	76,265	12,403	85,728	13,360	66,595	12,081	29,313	6,411	106,841	16,213
Other.....	do.	12,385	2,209	19,419	3,270	43,993	8,281	31,729	7,127	6,167	1,465
Shellfish:											
Shrimp.....	do.	667	384	150	143	1,635	1,534	471	455	1,645	1,343
Other.....	do.	3,647	552	26,698	4,324	16,681	3,071	15,146	2,046	8,975	1,414
Cured:											
Salted, pickled or dry cured:											
Cod, haddock, hake, pollock and cusk.....	do.	562	90	1,826	306	1,246	278	978	220	1,025	225
Herring.....	do.	1,061	117	1,857	235	708	103	566	88	207	42
Salmon.....	do.	256	49	1,339	492	781	304	162	63	158	58
Shrimp.....	do.	567	305	497	456	381	372	477	355	767	459
Other.....	do.	599	97	7,141	1,498	1,029	390	196	39	75	26
Other fish, shellfish and fish products.....	do.	1,274	305	3,358	971	4,098	1,096	1,492	521	344	171
Total edible products.....	do.	135,979	30,855	205,888	39,533	207,486	49,281	95,085	21,020	146,660	29,212
Nonedible fishery products:											
Fish oils (excluding liver oils).....	do.	16,872	2,498	4,342	443	10,930	1,509	11,757	1,837	38,617	4,154
Whale and sperm oils.....	do.	494	46	36	6	126	26	296	68	256	27
Fish meal for feed.....	Tons	11	1	65	9	578	87	80	13		
Furs, fur-seal, dressed or dyed.....	Number	24,503	413	8,842	421	11,660	546	8,204	447	10,302	582
Oyster shells.....	Tons	28,752	299	27,655	309	40,665	523	27,200	362	26,581	378
Other nonedible.....			4,398		428		864		655		521
Total nonedible products.....			7,655		1,616		3,555		3,382		5,662
Grand total.....			38,510		41,149		52,836		24,402		34,874

<sup>1</sup> Preliminary.

Fish and Wildlife Service, Department of the Interior. Compiled from reports of the Department of Commerce.

TABLE 812.—Frozen fishery products: Production, by geographic divisions, 1940-49

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1940.....	87,370	22,163	6,578	15,744	3,319	12,937	48,044	196,155
1941.....	117,850	30,897	8,435	16,818	4,291	19,180	49,117	246,588
1942.....	118,462	31,891	7,565	14,150	5,043	16,935	53,119	247,165
1943.....	100,790	33,105	8,915	15,893	10,283	12,874	64,193	246,053
1944.....	120,958	32,138	8,184	11,052	4,789	16,602	72,814	266,537
1945.....	125,278	23,973	6,007	6,604	4,618	23,085	96,436	286,001
1946.....	131,823	19,415	6,416	4,503	2,399	23,429	92,080	280,065
1947.....	125,900	16,627	7,142	3,892	809	27,557	64,697	246,624
1948 <sup>1</sup> .....	158,969	15,384	5,739	4,322	3,207	26,888	77,479	291,988
1949.....	145,368	15,916	10,616	4,441	1,660	28,963	78,858	285,822

Fish and Wildlife Service, Department of the Interior.

Data for 1932-39 in Agricultural Statistics, 1947, table 774.

TABLE 813.—Total gross refrigerated warehouse space, by type of plant, United States, biennially, 1925-47<sup>1</sup>

Year	Public cold storage only	Private and semi-private cold storage	Meat-packing establishments	Total all types
	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>
1925.....	242,564	81,101	303,004	626,669
1927.....	273,896	82,081	311,869	667,846
1929.....	316,810	89,455	322,330	728,595
1931.....	325,703	94,075	321,065	740,843
1933.....	317,211	97,457	297,274	711,942
1935.....	322,450	84,914	303,206	710,570
1937.....	333,833	86,847	309,642	730,322
1939.....	351,368	82,510	312,562	746,440
1941.....	371,771	92,390	302,232	766,383
1943.....	389,991	91,625	<sup>2</sup> 169,650	<sup>2</sup> 651,266
1945.....	403,832	107,545	<sup>2</sup> 134,814	<sup>2</sup> 646,191
1947.....	408,232	135,816	<sup>2</sup> 130,993	<sup>2</sup> 675,041

<sup>1</sup> 1941 data from June 16 survey; all others Oct. 1. Warehouse space is defined as all space artificially cooled to temperatures of 50° or less, in which food commodities are held for 30 days or longer.<sup>2</sup> Reduction from earlier years is due chiefly to the elimination from reports of meat-packing establishments of the "working space" in such establishments.

Production and Marketing Administration.

TABLE 814.—Frozen food locker plants: Number, capacity, farm patronage, and use, by States 1949

State	Plants operating <sup>1</sup>	Total capacity of plants <sup>2</sup>	Percentage of patrons living on farms <sup>3</sup>	Meat, poultry and game processed per locker rented <sup>2</sup>	Fruits and vegetables processed per locker rented <sup>2</sup>
	Number	1,000 lockers	Percent	Pounds	Pounds
Maine.....	20	9	61	263	42
New Hampshire.....	27	15	51	213	14
Vermont.....	53	20	69	219	27
Massachusetts.....	45	24	51	168	27
Rhode Island.....	8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Connecticut.....	59	19	44	196	18
New York.....	251	133	60	247	19
New Jersey.....	50	33	55	195	17
Pennsylvania.....	258	173	62	190	30
Ohio.....	425	278	77	234	28
Indiana.....	349	211	75	263	21
Illinois.....	596	317	73	334	27
Michigan.....	375	189	68	271	23
Wisconsin.....	653	241	76	297	12
Minnesota.....	659	256	76	359	6
Iowa.....	875	342	77	342	16
Missouri.....	478	232	74	217	17
North Dakota.....	300	103	78	303	2
South Dakota.....	296	101	73	298	6
Nebraska.....	625	205	79	253	16
Kansas.....	625	260	69	240	14
Delaware.....	11	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Maryland.....	45	33	70	233	35
Virginia.....	80	53	68	309	26
West Virginia.....	21	16	55	402	22
North Carolina.....	104	69	74	564	36
South Carolina.....	75	40	71	415	44
Georgia.....	172	82	74	344	29
Florida.....	76	31	48	340	9
Kentucky.....	125	62	75	243	21
Tennessee.....	112	48	69	191	29
Alabama.....	84	46	69	457	20
Mississippi.....	87	36	67	457	47
Arkansas.....	116	52	66	269	35
Louisiana.....	43	21	62	440	12
Oklahoma.....	325	166	66	264	16
Texas.....	546	305	61	344	7
Montana.....	223	78	54	234	6
Idaho.....	202	100	63	177	15
Wyoming.....	78	39	49	252	5
Colorado.....	225	131	61	224	9
New Mexico.....	58	28	49	358	6
Arizona.....	34	14	52	338	5
Utah.....	150	85	47	208	7
Nevada.....	13	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Washington.....	725	371	49	134	7
Oregon.....	499	266	52	145	14
California.....	540	387	48	255	11
United States.....	11,596	5,720	66	277	18

<sup>1</sup> Number of plants operating as compiled by the Extension Service, July 1, 1950.<sup>2</sup> Data on plant capacity, farm patronage, and pounds of meat, fruits and vegetables processed per locker rented were estimated from reports received by the Farm Credit Administration from 6,737 frozen food locker plants. Percentage of patrons living on farms subject to respondent's definition of farm. Poundage data are for calendar year 1949, other data as of Jan. 1, 1950.<sup>3</sup> Data not available or inadequate sample.

Farm Credit Administration.

TABLE 815.—*Cooperative extension work: Projects and percentage of agents' and specialists' time devoted to each, United States and territories, 1943-48*<sup>1</sup>

Project	1943	1944	1945	1946	1947	1948
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Extension organization and planning.....	17.44	17.09	16.53	19.04	19.72	20.57
Farm crops.....	12.77	12.87	13.37	14.13	14.13	14.65
Animal husbandry.....	7.73	6.94	7.38	7.77	8.00	7.82
Dairy husbandry.....	3.67	3.91	4.60	4.90	5.28	5.22
Poultry husbandry.....	3.72	3.28	3.06	3.02	2.90	2.91
Soil management.....	2.96	3.39	3.46	3.78	3.74	3.68
Forestry.....	.83	.79	.90	1.12	1.18	1.16
Wildlife conservation.....	.28	.29	.42	.38	.38	.46
Agricultural economics.....	6.61	6.93	5.36	5.15	4.98	4.28
Marketing.....	5.00	4.45	4.04	4.03	4.13	3.59
The house; furnishings and surroundings.....	2.46	2.68	3.62	4.49	4.91	5.15
Rural engineering.....	2.17	1.72	2.00	2.57	2.12	2.07
Nutrition and health.....	18.01	18.18	17.44	12.33	11.09	10.75
Home management; family economics.....	1.48	1.69	1.69	1.74	1.69	1.74
Clothing and textiles.....	4.32	5.20	5.13	4.88	4.97	5.44
Family relationships, child development.....	.57	.75	.85	.84	.96	.99
Recreation and community life.....	3.34	2.74	3.10	4.09	4.07	4.21
Miscellaneous.....	6.64	7.10	7.05	5.74	5.75	5.31

<sup>1</sup> Only field work of specialists, as reported by county extension agents, is included.

Extension Service. Data for 1934-41 in Agricultural Statistics, 1943, table 612; for 1942 in the 1949 book, table 811.

TABLE 816.—*Extension activities reported by all county extension agents, United States and territories, 1943-48*

Activity	1943	1944	1945	1946	1947	1948
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Farm and home visits made.....	3, 070, 800	3, 400, 893	3, 375, 604	3, 436, 654	3, 554, 543	3, 497, 776
Office calls received.....	12, 401, 935	11, 349, 976	9, 853, 170	9, 023, 763	8, 842, 204	8, 506, 710
Telephone calls received.....	8, 116, 463	8, 027, 110	7, 770, 630	7, 444, 154	7, 364, 891	7, 578, 844
New articles or stories published.....	725, 409	717, 101	691, 100	725, 697	805, 467	834, 735
Bulletins distributed.....	30, 658, 713	25, 434, 929	19, 902, 853	17, 858, 300	17, 944, 619	18, 726, 905
Radio talks made.....	43, 980	43, 449	42, 075	47, 655	68, 447	105, 348
Training meetings held for local leaders.....	132, 939	123, 598	111, 133	110, 979	120, 261	132, 081
Method demonstration meetings held.....	619, 878	674, 562	663, 624	665, 032	696, 332	733, 698
Result demonstrations conducted.....	215, 466	219, 070	214, 146	212, 000	206, 575	204, 316
Meetings at result demonstrations.....	49, 370	51, 400	47, 621	49, 990	55, 062	57, 194
Tours conducted.....	14, 076	13, 668	17, 326	24, 592	26, 297	38, 338
Achievement days held.....	22, 350	24, 115	22, 487	22, 595	26, 485	27, 585
All meetings held.....	1, 335, 445	1, 378, 946	1, 320, 668	1, 340, 023	1, 422, 325	1, 499, 749
Attendance at all meetings held.....	33, 968, 823	35, 636, 339	35, 730, 559	43, 078, 103	51, 354, 079	52, 996, 475
Voluntary local leaders assisting with:						
Adult extension.....	901, 917	965, 257	898, 747	803, 991	774, 241	739, 702
Junior extension.....	164, 944	167, 623	178, 512	186, 094	203, 211	222, 819
Adult home demonstration groups.....	52, 445	50, 108	49, 351	50, 008	52, 870	56, 151
Members of such groups.....	1, 161, 005	1, 106, 089	1, 126, 320	1, 162, 346	1, 231, 684	1, 313, 524

Extension Service. Data for 1929-34 in Agricultural Statistics, 1936, table 529; for 1935-40 in the 1942 book, table 878, and for 1941 and 1942 in the 1948 book, table 806.

TABLE 817.—Cooperative extension workers: Number employed, by States, June 30, 1948, and June 30, 1949<sup>1</sup>

State, division, and territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants <sup>2</sup>		Administrators and supervisors		Subject-matter specialists		Total	
	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949
Maine.....	17	16	16	18	13	14	6	6	18	15	70	69
New Hampshire.....	19	19	9	9	14	14	6	6	16	16	64	64
Vermont.....	15	14	12	13	13	12	6	6	20	20	66	65
Massachusetts.....	27	27	21	23	23	25	8	7	29	30	108	112
Rhode Island.....	3	3	4	4	5	5	3	3	10	12	25	27
Connecticut.....	15	15	11	15	16	16	7	7	25	24	74	77
New York.....	121	126	100	88	95	88	17	17	131	139	464	458
New Jersey.....	31	30	28	27	17	18	6	7	24	27	106	109
Pennsylvania.....	106	114	70	73	-----	-----	17	16	62	66	255	269
North Atlantic.....	354	364	271	270	196	192	76	75	335	349	1,232	1,250
Ohio.....	127	133	73	72	3	3	19	19	55	56	277	283
Indiana.....	131	133	61	68	7	38	20	20	62	65	281	324
Illinois.....	117	124	100	109	60	49	21	21	55	61	353	364
Michigan.....	87	93	49	49	49	50	22	22	74	75	281	289
Wisconsin.....	99	106	62	69	21	38	19	20	63	65	264	298
Minnesota.....	95	99	52	62	119	66	21	20	41	40	328	287
Iowa.....	99	104	91	93	95	71	23	24	89	85	397	377
Missouri.....	195	192	131	107	1	1	21	21	42	40	390	361
North Dakota.....	66	58	17	16	-----	-----	13	13	23	22	119	109
South Dakota.....	56	62	27	30	-----	-----	15	17	27	24	125	133
Nebraska.....	87	92	39	42	-----	-----	13	16	35	33	174	183
Kansas.....	111	122	82	102	17	30	19	20	57	54	286	328
North Central.....	1,270	1,318	784	819	372	346	226	233	623	620	3,275	3,386
Delaware.....	4	4	4	4	3	4	3	4	12	10	26	26
Maryland.....	42	46	31	36	-----	-----	10	10	40	60	123	152
Virginia.....	166	173	119	125	-----	-----	24	22	44	59	353	379
West Virginia.....	60	57	45	44	33	40	13	12	37	27	188	180
North Carolina.....	266	277	209	223	-----	-----	26	28	54	59	551	587
South Carolina.....	121	127	105	106	-----	-----	21	20	49	48	296	301
Georgia.....	225	230	170	176	-----	-----	27	28	45	48	467	482
Florida.....	93	102	62	67	1	-----	12	15	18	22	186	206
South Atlantic.....	973	1,016	745	781	37	44	136	139	299	333	2,190	2,313
Kentucky.....	166	158	104	97	-----	-----	27	27	38	46	335	328
Tennessee.....	212	201	125	128	-----	-----	19	21	52	54	408	404
Alabama.....	204	225	139	142	-----	-----	21	21	35	37	399	425
Mississippi.....	193	207	174	178	-----	-----	26	27	46	49	439	461
Arkansas.....	125	132	117	115	-----	-----	19	19	30	31	291	297
Louisiana.....	144	143	128	130	-----	-----	17	18	42	38	331	329
Oklahoma.....	137	140	114	115	-----	-----	17	19	44	40	312	314
Texas.....	368	375	257	276	-----	-----	42	43	58	53	725	747
South Central.....	1,549	1,581	1,158	1,181	-----	-----	188	195	345	348	3,240	3,305
Montana.....	46	55	24	25	-----	-----	10	10	22	25	102	115
Idaho.....	40	43	17	19	10	10	10	10	18	19	95	101
Wyoming.....	28	31	18	18	-----	-----	6	6	14	17	66	72
Colorado.....	50	55	30	30	16	17	8	8	27	26	131	136
New Mexico.....	48	51	26	27	-----	-----	7	7	14	13	95	99
Arizona.....	20	18	11	10	-----	-----	4	5	10	10	45	43
Utah.....	36	35	26	22	-----	-----	7	6	21	19	90	82
Nevada.....	15	16	7	6	-----	-----	4	4	6	6	32	32
Washington.....	68	78	38	39	-----	-----	10	13	25	22	141	152
Oregon.....	65	66	31	30	25	24	15	15	31	36	167	171
California.....	200	209	66	70	-----	-----	14	14	39	43	319	336
Western.....	616	657	294	296	51	51	95	99	227	236	1,283	1,339
Alaska.....	1	1	2	2	-----	-----	4	4	-----	-----	7	7
Hawaii.....	31	35	18	18	-----	-----	7	7	15	16	71	76
Puerto Rico.....	49	70	46	68	-----	-----	15	15	32	31	142	184
Total.....	81	106	66	88	-----	-----	26	26	47	47	220	267
Grand total.....	4,843	5,042	3,318	3,435	656	633	747	767	1,876	1,933	11,440	11,810

See footnotes on page 768.

TABLE 818.—*4-H Club work: Number of clubs, enrollment, projects completed, etc., United States and territories, 1943-48*<sup>1</sup>

Item	1943	1944	1945	1946	1947	1948
Junior clubs.....	74, 813	74, 327	75, 146	74, 597	80, 286	81, 738
Different boys enrolled.....	734, 673	701, 531	687, 803	722, 583	798, 651	829, 741
Different girls enrolled.....	904, 800	889, 067	874, 819	892, 456	961, 260	999, 609
Total enrollment.....	1, 639, 473	1, 590, 598	1, 562, 622	1, 615, 039	1, 759, 911	1, 829, 250
Different boys completing <sup>2</sup> .....	543, 532	528, 121	521, 667	540, 405	600, 521	627, 718
Different girls completing <sup>2</sup> .....	681, 195	680, 289	673, 430	688, 931	743, 869	777, 374
Total completing.....	1, 224, 727	1, 208, 410	1, 195, 097	1, 229, 336	1, 344, 390	1, 405, 092
Projects started.....	3, 577, 519	3, 420, 733	3, 316, 697	3, 269, 804	3, 486, 902	3, 601, 892
Projects completed (total).....	2, 655, 334	2, 565, 330	2, 498, 408	2, 464, 364	2, 620, 656	2, 723, 341
Corn.....	66, 179	74, 862	75, 639	81, 665	92, 122	100, 665
Other cereals.....	4, 828	5, 730	6, 505	7, 068	8, 966	10, 577
Peanuts.....	18, 853	15, 485	12, 873	10, 681	10, 956	10, 957
Soybeans, field peas, alfalfa, and other legumes.....	6, 201	7, 088	6, 272	6, 544	7, 980	8, 330
Potatoes: Irish and sweet.....	43, 752	40, 623	40, 052	38, 222	37, 697	38, 321
Cotton.....	16, 064	17, 842	20, 008	20, 545	23, 676	27, 938
Tobacco.....	6, 794	9, 279	12, 912	13, 137	13, 686	12, 667
Fruits.....	15, 406	14, 854	21, 870	20, 002	16, 378	16, 347
Home gardens.....	433, 718	398, 819	348, 147	286, 139	264, 391	256, 447
Market gardens, truck, and canning crops.....	16, 309	17, 106	15, 712	16, 624	15, 582	13, 374
Other crops.....	7, 111	7, 245	6, 871	8, 225	9, 633	10, 125
Poultry (including turkeys).....	219, 416	192, 958	170, 191	162, 166	146, 463	136, 603
Dairy cattle.....	65, 797	70, 248	74, 997	77, 470	88, 128	93, 781
Beef cattle.....	49, 318	52, 588	63, 167	71, 969	85, 547	82, 996
Sheep.....	19, 038	18, 174	17, 771	18, 143	18, 889	20, 526
Hogs.....	163, 776	143, 570	123, 689	128, 509	142, 503	143, 923
Other livestock.....	7, 631	9, 127	8, 892	9, 277	6, 132	5, 992
Beautification of home grounds.....	72, 915	71, 004	71, 164	74, 628	83, 052	86, 889
Forestry.....	9, 336	9, 598	10, 145	13, 589	14, 955	15, 423
Wildlife and nature study: rabbits, game, fur animals.....	18, 125	23, 022	23, 390	27, 254	33, 927	29, 096
Agricultural engineering, farm shop, electricity.....	12, 651	12, 868	14, 785	17, 662	27, 507	33, 215
Food selection and preparation.....	269, 281	274, 542	285, 253	281, 222	303, 661	342, 855
Food preservation.....	287, 275	269, 930	236, 587	211, 210	204, 641	189, 278
Health, home nursing, and first aid.....	154, 739	134, 169	155, 510	164, 124	171, 400	175, 713
Clothing.....	342, 193	350, 169	357, 999	382, 792	419, 154	453, 888
Home management.....	36, 062	44, 411	45, 813	47, 596	63, 303	70, 690
Home furnishings and room improvement.....	103, 780	103, 953	106, 454	113, 819	117, 013	117, 475
Home industry, arts, and crafts.....	50, 912	52, 647	52, 229	60, 320	69, 260	79, 098
Junior leadership.....	21, 464	25, 683	24, 694	25, 863	30, 041	36, 307
Miscellaneous.....	116, 410	97, 736	88, 817	67, 899	94, 013	103, 945

<sup>1</sup> 4-H Clubs provide for rural young people training of head, heart, hands, and health.<sup>2</sup> Different boys and girls completing is the sum of the individual boys and girls completing one or more projects, in contrast to project completions, which is the sum of all the projects completed by all boys and girls.

Extension Service. Data for 1928-34 in Agricultural Statistics, 1936, table 530; for 1935-41 in 1943 book, table 614, and for 1942 in 1949 book, table 814.

## FOOTNOTES FOR TABLE 817.

<sup>1</sup> Includes both white and Negro extension workers.<sup>2</sup> Special 4-H Club workers. In the majority of States, Alaska, Hawaii, and Puerto Rico, 4-H Club work is conducted by county agricultural agents, county home demonstration agents, and their assistants.<sup>3</sup> Includes 32 special part-time county 4-H Club agents.<sup>4</sup> Includes 21 special part-time home demonstration agents and assistants.<sup>5</sup> Includes 42 special part-time county 4-H Club agents and 3 special part-time Club agents (at-large).

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